EXHIBIT E

Page 1

SUPERIOR COURT OF NEW JERSEY LAW DIVISION - ATLANTIC COUNTY

- - -

IN RE: : CIVIL ACTION PELVIC MESH/GYNECARE : CASE NO. 291 CT

LITIGATION :

:

: MASTER CASE NO.

: L-6341-10

(GENERAL, GROSS, WICKER):

- -

NOVEMBER 27, 2012

- - -

Videotaped deposition of
STEPHEN M. FACTOR, M.D., held at Jacobi
Medical Center, 1400 Pelham Parkway
South, Bronx, New York 10464, commencing
at 2:08 p.m., on the above date, before
Margaret Peoples, a Registered
Professional Reporter.

- - -

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A P P E A R A N C E S : 2		
MAZIE, SLATE, KATZÆ FREEMAN, LLC BY: DAVID MAZIE, ESQUIRE 2 3 3 5 5 6 6 6 7 7 7 8 6 6 7 7 8 6 6 7 7 8 6 6 7 7 8 6 6 7 7 8 6 6 7 7 8 6 6 7 7 8 6 6 7 7 8 6 6 7 7 8 6 6 7 7 8 6 6 7 7 8 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 8	Page 2	Page 4
12	1 A P P E A R A N C E S: 2 MAZIE, SLATER, KATZ & FREEMAN, LLC BY: DAVID MAZIE, ESQUIRE 3 103 Eisenhower Parkway, 2nd Floor Roseland, New Jersey 07068 4 (973) 228-9898 Counsel for the Plaintiffs 5 6 BUTLER, SNOW, O'MARA, STEVENS & CANNADA, PLL BY: NILS B. (BURT) SNELL, ESQUIRE 7 Suite 400 500 Office Center Drive 8 Fort Washington, Pennsylvania 19034 (267) 513-1885 9 Counsel for the Defendants	DEPOSITION SUPPORT INDEX Direction to Witness Not To Answer Page Line Page Line None Request For Production of Documents Page Line Page Line None 10 11
Page 3 Reserved for Confidential Designation Index as Pursuant to the Protective Order Pursuant to the Protective Order Pursuant to the Protective Order Defendants did not have any Confidential Designation Index as Pursuant to the Protective Order Defendants did not have any Confidential Designation Index as Pursuant to the Protective Order Page 3 Reserved for Confidential Designation Index as Pursuant to the Protective Order Defendants did not have any Confidential Designation Index as Pursuant to the Protective Order Page 3 Page 4 Pursuant to the Protective Order Defendants did not have any Confidential Designation Index as Pursuant to the Protective Order 10 Page 4 Pursuant to the Protective Order 11 Pursuant to the Protective Order 12 13 14 15 14 15 16 17 18 19	12 13 14 15	13
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2	Page 3	Page 5
By Mr. Snell 129 By Mr. Snell	2 I N D E X 3 WITNESS PAGE NO. 4 STEPHEN M. FACTOR, M.D. 5 By Mr. Mazie 8	2 Pursuant to the Protective Order 3 4 Defendants did not have any Confidential Designations
9 EXHIBITS 10 11 11 12 13 14 15 16 17 16 17 18 17 10 10 11 11 15 16 17 18 10 10 11 10 10 10 10 10 10 10 10 10 10	By Mr. Snell 129	6
EXHIBITS 10 NO. DESCRIPTION PAGE NO. 11 EXH.1 Pathology Slides 7 12 13 14 15 16 17 18 10 11 11 12 13 14 15 16 17		
NO. DESCRIPTION PAGE NO. 11 EXH.1 Pathology Slides 7 12 13 14 15 16 17 18 10	EXHIBITS	
EXH.1 Pathology Slides 7 12 13 14 15 14 15 16 17 18 10	NO. DESCRIPTION PAGE NO.	12
14 16 17 18 17	EXH.1 Pathology Slides 7	14
15 16 17 18		
19 20 21	15 16 17 18 19 20	17 18 19 20 21
21 22 23 24 25	22 23 24	23 24

2 (Pages 2 to 5)

	Page 6		Page 8
1	Reserved for Confidential Designation Index as	1	Butler Snow on behalf of the
2	Pursuant to the Protective Order	2	defendants, Ethicon and Johnson &
3	Tursuant to the Protective Order	3	Johnson.
4		4	VIDEOGRAPHER: The court
5		5	reporter is Margaret Peoples and
6		6	will now swear in the witness.
7		7	
8		8	STEPHEN M. FACTOR, M.D.,
9		9	after having been duly sworn, was
10		10	examined and testified as follows:
11		11	
12		12	EXAMINATION
13		13	
14		14	BY MR. MAZIE:
15		15	Q. Dr. Factor, my name is David
16		16	Mazie and I represent the plaintiffs in
17		17	two cases in which you are being deposed,
18		18	hopefully at least one of them today.
19		19	Certainly, we will find out from the
20		20	Court whether we will be deposing you on
21		21	the second case.
22		22	How many times have you been
23		23	deposed before?
24		24	A. Many.
25		25	Q. How many is many?
	Page 7		Page 9
1		1	A. I don't keep a precise
2	(Whereupon, Exhibit 1 was	2	count, but somewhere close to 125 to 150
3	marked for identification.)	3	over the last 30-plus years.
4		4	Q. Over the past 10 years, how
5	VIDEOGRAPHER: We are now on	5	many times do you think you have been
6	the record. My name is	6	deposed?
7	Christopher Campbell. I'm a	7	A. It's averaged about six to
8	videographer for Golkow	8	eight a year.
9	Technologies. Today's date is	9	Q. And what percentage of your
10	November 27, 2012 and the time is	10	cases in which you have been deposed have
11	2:08.	11	been on behalf of the defense versus the
12	This deposition is being	12	plaintiff?
13	held in Bronx, New York, In Re:	13	A. My breakdown has been about
14	Pelvic Mesh, for the Superior	14	85 percent for defense and 15 percent or
15 16	County	15 16	so for plaintiff.
17	County. The deponent is Dr. Staphen	17	Q. Have you ever worked in a
18	The deponent is Dr. Stephen Factor.	18	pharmaceutical-type case? A. Yes.
19	At this time, will counsel	19	Q. On how many occasions?
20	please announce their appearances	20	A. I have done products
21	for the record?	21	liability now for 20 years, 15 to 20
22	MR. MAZIE: David Mazie,	22	years. I have testified in virtually
23	Mazie, Slater, Katz & Freemen on	23	none of them, at least with the
24	behalf of the plaintiffs.	24	pharmaceutical cases, but I have been

3 (Pages 6 to 9)

		1	1
	Page 10		Page 12
1	Q. How many times have you been	1	subject.
2	retained in a medical device case over	2	Q. And in every single case in
3	the past 20 years?	3	which there's a medical device or drug at
4	A. I've had a long-standing	4	issue, and we're talking at least 100, if
5	involvement with St. Jude Medical for	5	not more, you have acted as the expert on
6	over 8 to 10 years, leading to testimony	6	behalf of the defense, correct?
7	last year.	7	MR. SNELL: Objection to the
8	Q. On how many occasions have	8	form.
9	you been retained where there was an	9	A. Correct, except for one case
10	issue of whether or not a medical device	10	a number of years ago that I did for
11	was defective?	11	plaintiffs in an asbestos litigation.
12	A. That was, I believe, the	12	Q. That doesn't involve a
13	only medical device case. The other	13	medical device or a drug, correct?
14	products liability have been drug or	14	A. No. Correct.
15	and even with the products liability, it	15	
		16	· · · · · · · · · · · · · · · · · · ·
16 17	was primarily I was involved mainly	17	100 cases in which there's been an issue
	with the experimental studies dealing	18	involving a medical device or drug, you
18	with the device.		have acted as an expert on behalf of
19	Q. On how many occasions over	19	defense in every single one of those
20	the past 20 years have you acted as an	20	cases?
21	expert in where there was an issue of	21	A. Correct.
22	whether a drug or medical device was at	22	MR. SNELL: Objection to
23	issue?	23	form.
24	A. I don't keep a precise	24	BY MR. MAZIE:
25	count, so I don't know.	25	Q. And you've never acted as an
	Page 11		Page 13
1	Q. Can you estimate for us?	1	expert on behalf of the plaintiff in a
2	A. It's, I'd say, between five	2	case in which there was a medical device
3	and ten cases a year over the past 10	3	or drug at issue, correct?
4	years.	4	A. Correct.
5	Q. And what percentage of those	5	MR. SNELL: Objection to
6	cases in which there was an issue	6	form.
7	involving the medical device or drug did	7	BY MR. MAZIE:
8	you testify or were you an expert,	8	Q. I'm going to give you some
9	rather, on behalf of the plaintiff versus	9	just ground rules, even though you're
10	the defense?	10	obviously familiar with them. First of
11	A. They were all for defense.	11	all, you understand you're under oath?
12		12	A. Correct.
13	•	13	
14	that.	13	Q. You understand that your
	Can you tell me how many you	15	testimony has the same force and effect
15	said per year?		as if you were sitting before a judge and
16	A. Five to ten.	16	jury at this time?
17	Q. So, is it fair to say you	17	A. Yes.
18	have acted as an expert in cases in which	18	Q. If I ask you a question and
19	there was either a medical device or drug	19	you answer it, I'm going to presume you
20	at issue on more than 100 cases?	20	understood the question. If you don't
21	MR. SNELL: Objection, form.	21	understand the question or any part of
22	A. I think in total, more	22	it, let me know and I'll rephrase it.
23	likely, yes, because a number of cases	23	But if you answer the question, I'm going
24	dealt with specific issues from	24	to presume you understood it. Okay?
25	individuals dealing with the same	25	A. Yes.

	Page 14		Page 16
1	Q. Obviously, don't speculate,	1	A. I don't know.
2	don't guess. If you know something, you	2	Q. Fair to say that you have
3	will tell us that. Okay?	3	worked as an expert on behalf of Johnson
4	A. Yes.	4	& Johnson between 10 and 20 times?
5	Q. Doctor, are you affiliated	5	A. By definition.
6	with any type of expert organization that	6	Q. Is that correct?
7	advertises your services?	7	A. Yes.
8	A. None whatsoever.	8	Q. Doctor, you have privileges
9	Q. Do you advertise your	9	at Jacobi Medical Center?
10	services?	10	A. Yes, I do.
11	A. Absolutely not.	11	Q. Do you have privileges
12	Q. Have you worked with Butler	12	anywhere else?
13	Snow or any of its attorney in the past?	13	A. I don't know if I have
14	A. I have worked with Mr. Snell	14	active privileges at Montefiore. I don't
15	once. I don't recall whether he was at	15	think I do anymore.
16	Butler Snow at the time, but I have	16	Q. You don't hold any positions
17	worked with him.	17	at Montefiore?
18	Q. And what type of case did	18	A. Correct.
19	you work with Mr. Snell?	19	Q. What positions do you hold
20	A. It was a Phen-fen case.	20	at Jacobi Medical Center?
21	Q. And did you actually testify	21	A. I'm chairman of the
22	at a deposition in the Phen-fen case?	22	department of pathology.
23	A. Not that I recall.	23	Q. Any other positions?
24	Q. And aside from that one	24	A. I'm director of anatomic
25	occasion with Mr. Snell, have you ever	25	pathology as well as chairman.
23	Page 15	23	Page 17
1	worked with him or anyone at his firm?	1	Q. Are those all of your
2	A. Not to my recollection.	2	positions at this hospital?
3	Q. Never worked with Christie	3	A. At the hospital, yes.
4	Jones?	4	Q. Do you have any positions
5	A. No.	5	with any professional organizations?
6	Q. Have you ever worked as an	6	A. Well, I'm I have
7	expert or been retained as an expert on	7	positions at the medical school. I,
8	behalf of Ethicon, Johnson & Johnson or	8	also, belong to a number of organizations
9	any of the affiliated entities with	9	where I have had positions and still have
10	Johnson & Johnson?	10	some degree of active positions.
11	A. Johnson & Johnson, yes, not	11	Q. What medical school are we
12	Ethicon.	12	speaking about?
13	Q. On how many occasions have	13	A. Albert Einstein College of
14	you acted as an expert for Johnson &	14	Medicine.
15	Lohnson'/	15	Q. What is your position there?
1 /	Johnson?		
16	A. I don't know the number, but	16	A. I'm a tenure full professor
17	A. I don't know the number, but it's they were all drug cases and I	16 17	A. I'm a tenure full professor of pathology of medicine.
17 18	A. I don't know the number, but it's they were all drug cases and I would be guessing. I don't know.	16 17 18	A. I'm a tenure full professor of pathology of medicine. Q. Do you have a subspecialty
17 18 19	A. I don't know the number, but it's they were all drug cases and I would be guessing. I don't know. Q. Have you worked as an expert	16 17 18 19	A. I'm a tenure full professor of pathology of medicine. Q. Do you have a subspecialty in pathology?
17 18 19 20	A. I don't know the number, but it's they were all drug cases and I would be guessing. I don't know. Q. Have you worked as an expert on behalf of Johnson & Johnson more than	16 17 18 19 20	A. I'm a tenure full professor of pathology of medicine. Q. Do you have a subspecialty in pathology? A. Yes, I do.
17 18 19 20 21	A. I don't know the number, but it's they were all drug cases and I would be guessing. I don't know. Q. Have you worked as an expert on behalf of Johnson & Johnson more than ten times?	16 17 18 19 20 21	A. I'm a tenure full professor of pathology of medicine. Q. Do you have a subspecialty in pathology? A. Yes, I do. Q. What is that?
17 18 19 20 21 22	A. I don't know the number, but it's they were all drug cases and I would be guessing. I don't know. Q. Have you worked as an expert on behalf of Johnson & Johnson more than ten times? A. Yes.	16 17 18 19 20 21	A. I'm a tenure full professor of pathology of medicine. Q. Do you have a subspecialty in pathology? A. Yes, I do. Q. What is that? A. Cardiovascular pathology.
17 18 19 20 21 22 23	A. I don't know the number, but it's they were all drug cases and I would be guessing. I don't know. Q. Have you worked as an expert on behalf of Johnson & Johnson more than ten times? A. Yes. Q. Have you worked as an expert	16 17 18 19 20 21 22 23	A. I'm a tenure full professor of pathology of medicine. Q. Do you have a subspecialty in pathology? A. Yes, I do. Q. What is that? A. Cardiovascular pathology. Q. You are not a urogynecologic
17 18 19 20 21 22	A. I don't know the number, but it's they were all drug cases and I would be guessing. I don't know. Q. Have you worked as an expert on behalf of Johnson & Johnson more than ten times? A. Yes.	16 17 18 19 20 21	A. I'm a tenure full professor of pathology of medicine. Q. Do you have a subspecialty in pathology? A. Yes, I do. Q. What is that? A. Cardiovascular pathology.

5 (Pages 14 to 17)

1	Page 18		Page 20
1	MR. SNELL: Object to form.	1	A. I was trying to estimate. I
	Y MR. MAZIE:	2	would say yearly I see between eight and
3	Q. What is the difference	3	ten mesh cases from abdominal ventral
	tween a urogynecologic pathologist and	4	hernias and inguinal hernias. I, also,
	cardiologic pathologist?	5	see significantly more vascular graphs
6	A. Well, it has to do not so	6	with usually with GORE-TEX as the
	uch with day to day examination of	7	material used. And, occasionally, I see
	sues. It has to do with, in my case	8	particularly at autopsy, vascular grafts
	least, with my research and the bulk	9	from large vessels.
	my writing has dealt with	10	Q. If you take GORE-TEX out of
	rdiovascular disease of all aspects	11	the mix, how often do you see any other
	d, also, my teaching deals with	12	type of surgical mesh?
	rdiovascular disease. I see	13	A. Well, it's EIGHT to ten
	ogynecologic specimens all the time as	14	hernia cases. And that's and other
	rt of my surgical pathology experience,	15	than that, the Dacron used for vascular
		16	
10 - bu	t I'm not a urogynecologic pathologist. Q. What percentage of the time	17	grafts. Q. What the hernia mesh made of
	you examine urogynecologic specimens?	18	
19 00	A. There's no way to calculate	19	that you see? A. Most often, it's, to my
		20	
	at. I sign out surgical specimens on a	21	knowledge, it's polypropylene, but I
	ily basis. I sign out cytology,		don't know that all of them include that.
	nerally, on a daily basis. And even	22	Q. Doctor, you're board
	e cases that I don't actually that	23	certified?
	n not actually responsible for, I see	24	A. Yes, I am.
25 alc	ong with my staff during a daily peer	25	Q. And in what discipline?
	Page 19		Page 21
1 rev	view conference.	1	A. Anatomic and clinical
2	Q. So you can't estimate for me	2	pathology.
	d for this jury what percentage of the	3	Q. You were board certified in
	ne that you actually examine	4	1995?
5 ure	ogynecologic specimens?	5	A. Correct.
6	A. Absolutely not. There's	6	Q. Did you have to take both
	mean, we receive specimens on a daily	7	oral and written boards?
	sis. The gynecologists tend to operate	8	A. It was written and I believe
9 or	oncologic gynecologic surgeons operate	9	a portion of the anatomic boards were
	e day a week, but our other	10	oral at that time, yes.
11 gy	necologists operate daily and we	11	Q. Did you pass your written
	ceive specimens virtually every day.	12	and oral boards on the first try?
13	Q. In your professional	13	A. Yes.
1 4 4	actice outside of this particular case,	14	Q. Have your privileges in any
14 pra	w many times have you reviewed or	15	
		+ 5	hospital ever been suspended or revoked?
15 ho	amined any type of transvaginal mesh	16	A. No.
15 ho 16 ex	amined any type of transvaginal mesh om a pathologist standpoint?		•
15 ho 16 ex	• • • •	16	A. No.
15 ho 16 ex 17 fro	om a pathologist standpoint?	16 17	A. No. Q. Have you ever been strike
15 ho 16 ex 17 fro 18	om a pathologist standpoint? A. None that I can recall. Q. And aside from transvaginal	16 17 18	A. No. Q. Have you ever been strike that. Has anyone ever filed a
15 ho 16 ex 17 fro 18	om a pathologist standpoint? A. None that I can recall. Q. And aside from transvaginal esh, how often do you actually strike	16 17 18 19	A. No. Q. Have you ever been strike that. Has anyone ever filed a complaint against you with the Board of
15 ho 16 ex 17 fro 18 19 20 me	om a pathologist standpoint? A. None that I can recall. Q. And aside from transvaginal esh, how often do you actually strike at.	16 17 18 19 20	A. No. Q. Have you ever been strike that. Has anyone ever filed a complaint against you with the Board of Medical Examiners or any other
15 ho 16 ex 17 fro 18 19 20 me 21 tha	om a pathologist standpoint? A. None that I can recall. Q. And aside from transvaginal esh, how often do you actually strike at. In your work as a	16 17 18 19 20 21	A. No. Q. Have you ever been strike that. Has anyone ever filed a complaint against you with the Board of
15 ho 16 ex 17 fro 18 19 20 me 21 tha 22 23 pa	om a pathologist standpoint? A. None that I can recall. Q. And aside from transvaginal esh, how often do you actually strike at.	16 17 18 19 20 21 22	A. No. Q. Have you ever been strike that. Has anyone ever filed a complaint against you with the Board of Medical Examiners or any other organizations?

6 (Pages 18 to 21)

1 Q. Have you ever been sued for 1 pathology slides that I	
- patiology street that I	have to do here
2 malpractice? 2 in the office, but most	of the remaining
A. I was named in a suit that I 3 work is done at night a	
4 had nothing to do with, just as the 4 Q. How many ca	ases do you
5 chairman of the department and then I was 5 currently have for J&J	
6 subsequently dropped. 6 A. None that I re	
7 Q. Just once? 7 still active. There may	
8 A. To my knowledge, yes. 8 out there, but I don't kr	
9 Q. Have you ever written any 9 Q. Can you estin	
10 articles involving mesh? 10 the past 10 years how i	
11 A. No. 11 paid you for expert wo	
12 Q. Mesh of any sort? 12 A. I have no idea	
13 A. No. 13 Q. What are you	being paid on
Q. Have you ever given any 14 an hourly basis for this	
presentations concerning mesh, surgical 15 A. \$500 an hour.	
	how much you
17 A. No. 17 have been paid to date	
18 Q. Have you ever studied 18 A. Yes.	
19 surgical mesh? 19 Q. How much?	
20 MR. SNELL: Objection to 20 A. 21,000.	
	nave issued one
A. I don't recall because I 22 report in this case?	
have done studies with my surgical 23 A. Correct.	
24 colleagues, my cardiac surgical 24 Q. Linda Gross?	,
25 colleagues and whether or not they used 25 A. Correct.	
Page 23	Page 25
1 any mesh materials in those studies, I 1 Q. That would be	be dated October
2 don't recall whether it did or not. 2 9, 2012?	se duited October
3 Q. As you sit here today, you 3 A. Yes.	
	is report contain
5 given on surgical mesh? 5 all of your opinions in	
6 A. To my knowledge, I haven't 6 A. To date, yes.	
	mean to date?
8 Q. To your knowledge, you have 8 A. Well, if addir	
9 never done any research on surgical mesh, 9 information becomes a	
10 correct? 10 asked to write a supple	
11 A. Correct. 11 haven't done so as of y	
1	low, these are
your income over the past 10 years has 13 all the opinions you have	
been as a result of medical-legal expert 14 correct?	
15 work? 15 A. Right.	
16 A. It's averaged between 25 and 16 Q. And let me a	ısk you, is it
17 40 percent. 17 fair to say that mesh w	
Q. What percentage of your time 18 the human body elicits	
over the past 10 years has been as a 19 I'm sorry. Is it fair to	U 3
result of medical-legal expert work? 20 mesh is placed into the	
A. It's difficult to total. In 21 provokes inflammatio	
general, with all cases, between 10 to 20 22 A. Yes.	
	to us how that
24 usually that's during evenings and 24 works?	
121 usuany mai s during evenings and 124 works!	

7 (Pages 22 to 25)

	Page 26		Page 28
1	foreign material and it elicits an	1	natural tissue, as well as in response to
2	inflammatory response, which is	2	injury.
3	includes changes comparable to wound	3	Q. Doctor, you've reviewed a
4	healing with the development of	4	number of slides with regard to Linda
5	granulation tissue, the laying down of	5	Gross, correct?
6	fibrosis, the development of	6	A. Yes.
7	neovasculature. And along with that, it	7	Q. Can you tell me how many
8	elicits an inflammatory response. And	8	slides?
9	that includes the reaction of mononuclear	9	A. I have to total them up.
10	cells, monocytes that are altered into	10	There were 19 slides, but then
11	macrophages and then ultimately, in some	11	subsequently I saw a second set, one
12	cases, multinuclear giant, foreign body	12	initially with the plaintiff's slides and
13	type giant cells, along with lymphocytes	13	then I saw a set of defense slides. And
14	and rarely eosinophils or mass cells.	14	there were, also, some blanks in there.
15	Q. And as you sit here today,	15	So, my as best as I can tell from my
16	do you know how much mesh was placed in	16	report, and I didn't quantify them, but
17	Linda Gross?	17	just going by the number of cases, the
18	A. How much volumetrically?	18	number of accession cases and the number
19	Q. Yes.	19	of slides listed with those cases, I
20	A. I don't know.	20	believe there are 19.
21	Q. If you took each fiber and	21	Q. 19 pieces of tissue were
22	stretched it out, do you know how much	22	examined by you?
23	distance that would be?	23	A. There may be even more
24	A. I have no idea.	24	tissue on one slide, but 19 slides.
25	Q. In your review of the	25	Q. Can you estimate for me how
	Page 27		Page 29
1	pathology slides for Linda Gross, you saw	1	many pieces of tissue you actually
2	lymphocytes?	2	examined?
3	A. Yes.	3	A. I can't tell you that.
4	Q. You saw macrophages?	4	Q. Approximately.
5	A. Yes.		Q. Tipprominatory.
6	A. 158.	l 5	A. I have no idea. It's.
1 0		5 6	A. I have no idea. It's,
	Q. Did you see giant cells?	6	approximately, 19. But whether any one
7	Q. Did you see giant cells?A. I saw some, yes.	6 7	approximately, 19. But whether any one slide had two separate pieces of tissue,
7 8	Q. Did you see giant cells?A. I saw some, yes.Q. Did you see fibroblasts?	6 7 8	approximately, 19. But whether any one slide had two separate pieces of tissue, I can't tell.
7 8 9	Q. Did you see giant cells?A. I saw some, yes.Q. Did you see fibroblasts?A. Yes.	6 7 8 9	approximately, 19. But whether any one slide had two separate pieces of tissue, I can't tell. Q. From how many operations
7 8 9 10	Q. Did you see giant cells?A. I saw some, yes.Q. Did you see fibroblasts?A. Yes.Q. Did you see scar tissue?	6 7 8 9 10	approximately, 19. But whether any one slide had two separate pieces of tissue, I can't tell. Q. From how many operations strike that.
7 8 9 10 11	 Q. Did you see giant cells? A. I saw some, yes. Q. Did you see fibroblasts? A. Yes. Q. Did you see scar tissue? A. There was fibrosis, yes. 	6 7 8 9 10 11	approximately, 19. But whether any one slide had two separate pieces of tissue, I can't tell. Q. From how many operations strike that. The, approximately, 19
7 8 9 10 11	 Q. Did you see giant cells? A. I saw some, yes. Q. Did you see fibroblasts? A. Yes. Q. Did you see scar tissue? A. There was fibrosis, yes. Q. And how is fibrosis formed? 	6 7 8 9 10 11	approximately, 19. But whether any one slide had two separate pieces of tissue, I can't tell. Q. From how many operations strike that. The, approximately, 19 slides that you examined, how many
7 8 9 10 11 12 13	 Q. Did you see giant cells? A. I saw some, yes. Q. Did you see fibroblasts? A. Yes. Q. Did you see scar tissue? A. There was fibrosis, yes. Q. And how is fibrosis formed? A. Fibrosis is the response of 	6 7 8 9 10 11 12	approximately, 19. But whether any one slide had two separate pieces of tissue, I can't tell. Q. From how many operations strike that. The, approximately, 19 slides that you examined, how many different sources did they come from?
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7 8 9 10 11 12 13 14 15 16 17	 Q. Did you see giant cells? A. I saw some, yes. Q. Did you see fibroblasts? A. Yes. Q. Did you see scar tissue? A. There was fibrosis, yes. Q. And how is fibrosis formed? A. Fibrosis is the response of the body again to healing with the development of granulation tissue which includes fibroblasts and endothelia cells and buds of endothelia cells forming new 	6 7 8 9 10 11 12 13 14 15 16 17	approximately, 19. But whether any one slide had two separate pieces of tissue, I can't tell. Q. From how many operations strike that. The, approximately, 19 slides that you examined, how many different sources did they come from? And what I'm asking about sources, sources within Linda Gross' body. A. Well, this is separate accessioned tissues that are from the
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7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. Did you see giant cells? A. I saw some, yes. Q. Did you see fibroblasts? A. Yes. Q. Did you see scar tissue? A. There was fibrosis, yes. Q. And how is fibrosis formed? A. Fibrosis is the response of the body again to healing with the development of granulation tissue which includes fibroblasts and endothelia cells and buds of endothelia cells forming new vessels. The fibroblasts secrete procollagen, which polymerizes and then initially develops a matrix of type three collagen, which is also called reticulin, and then over the course of days and weeks and months, leads to the	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	approximately, 19. But whether any one slide had two separate pieces of tissue, I can't tell. Q. From how many operations strike that. The, approximately, 19 slides that you examined, how many different sources did they come from? And what I'm asking about sources, sources within Linda Gross' body. A. Well, this is separate accessioned tissues that are from the gynecologic track, as well as elsewhere, but total is the total number of accession cases. Q. And from how many operations did those slides come from? A. By my count, eight.
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. Did you see giant cells? A. I saw some, yes. Q. Did you see fibroblasts? A. Yes. Q. Did you see scar tissue? A. There was fibrosis, yes. Q. And how is fibrosis formed? A. Fibrosis is the response of the body again to healing with the development of granulation tissue which includes fibroblasts and endothelia cells and buds of endothelia cells forming new vessels. The fibroblasts secrete procollagen, which polymerizes and then initially develops a matrix of type three collagen, which is also called reticulin, and then over the course of days and	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	approximately, 19. But whether any one slide had two separate pieces of tissue, I can't tell. Q. From how many operations strike that. The, approximately, 19 slides that you examined, how many different sources did they come from? And what I'm asking about sources, sources within Linda Gross' body. A. Well, this is separate accessioned tissues that are from the gynecologic track, as well as elsewhere, but total is the total number of accession cases. Q. And from how many operations did those slides come from?

8 (Pages 26 to 29)

	Page 30		Page 32
1	A. I believe 18.	1	cases, the accession cases I, also,
2	Q. As you sit here today, can	2	reviewed other slides.
3	you tell us those areas of Linda Gross'	3	Q. So your answer has to do
4	body, those tissue samples came from that	4	with two questions ago. Let's make sure.
5	you examined in this case?	5	Is that correct?
6	A. I can go by what or how they	6	A. I believe I said there were
7	are labeled or how they were identified.	7	eight accession cases and I listed those
8	One was rectovaginal mass. One was left	8	eight. There are additional other slides
9	posterior vagina, right posterior vagina.	9	from the defense set of slides that I,
10	Another was large bowel biopsy, upper	10	also, reviewed that were not included
11	posterior vagina and ischial spine. It	11	with the plaintiff's slides.
12	wasn't identified as the left or right.	12	Q. Do you have a list of what
13	And then a separate one from left ischial	13	those
14	spine, a separate one from soft tissue	14	A. Yes. That includes the
15	left buttock. Another one from left	15	cervix and uterus, it includes the
16	buttock. Another from fallopian tubes	16	gallbladder, it includes hemorrhoids, and
17	and another from retropubic mass.	17	that's it.
18	Q. Doctor, is it fair to say in	18	Q. Okay. And just so the
19	those areas where you did not examine any	19	record is clear, aside from what the
20	tissue samples you have no opinion as to	20	slides you looked at, whether they be
21	whether and to what extent there was any	21	from the plaintiff or the defense, you
22	type of inflammation or fibrosis?	22	have no opinion as to those other areas
23	A. Correct.	23	of Linda Gross' body and what was
24	Q. Doctor, is it fair to say	24	transpiring within those other parts of
25	that wherever the mesh is	25	her body?
	Page 31		Page 33
			5
1	A Can Ladd something?	1	
1 2	A. Can I add something? O. Sure	1 2	A. Correct.
2	Q. Sure.	2	A. Correct.Q. So whether or not there's
2 3	Q. Sure.A. Because in the defense	2 3	A. Correct. Q. So whether or not there's inflammation, fibrosis or anything else
2 3 4	Q. Sure.A. Because in the defense slides, there were other tissues that	2 3 4	A. Correct. Q. So whether or not there's inflammation, fibrosis or anything else going on in her body, if you didn't
2 3 4 5	Q. Sure. A. Because in the defense slides, there were other tissues that were not included with the plaintiff's	2 3 4 5	A. Correct. Q. So whether or not there's inflammation, fibrosis or anything else going on in her body, if you didn't examine a tissue slide relating to it,
2 3 4 5 6	Q. Sure. A. Because in the defense slides, there were other tissues that were not included with the plaintiff's slides.	2 3 4 5 6	A. Correct. Q. So whether or not there's inflammation, fibrosis or anything else going on in her body, if you didn't examine a tissue slide relating to it, you have no opinion on it?
2 3 4 5 6 7	 Q. Sure. A. Because in the defense slides, there were other tissues that were not included with the plaintiff's slides. Q. I'm talking about any slides 	2 3 4 5 6 7	A. Correct. Q. So whether or not there's inflammation, fibrosis or anything else going on in her body, if you didn't examine a tissue slide relating to it, you have no opinion on it? A. Correct.
2 3 4 5 6 7 8	 Q. Sure. A. Because in the defense slides, there were other tissues that were not included with the plaintiff's slides. Q. I'm talking about any slides you've reviewed. 	2 3 4 5 6 7 8	A. Correct. Q. So whether or not there's inflammation, fibrosis or anything else going on in her body, if you didn't examine a tissue slide relating to it, you have no opinion on it? A. Correct. Q. And the just so I'm
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. Sure. A. Because in the defense slides, there were other tissues that were not included with the plaintiff's slides. Q. I'm talking about any slides you've reviewed. A. Okay. Q. Just so we're clear, you have no opinions on what is going on any part of Linda Gross' body aside from what you saw on those particular tissue s? A. No. Q samples? MR. SNELL: Object to form. A. But the ones I've identified for you were from the plaintiff's slide I initially reviewed and then I subsequently reviewed similar tissues from the plaintiff, but I, also reviewed others that were not included with the	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Correct. Q. So whether or not there's inflammation, fibrosis or anything else going on in her body, if you didn't examine a tissue slide relating to it, you have no opinion on it? A. Correct. Q. And the just so I'm clear, is it fair to say that any time there is mesh, the tissue next to the mesh has inflammation or becomes inflamed? MR. SNELL: Objection to form. A. Not universally, no. There are areas even in these slides that show mesh without inflammation or without any meaningful inflammation. Q. Are you going to be rendering an opinion in this case strike that. Is it fair to say that the
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. Sure. A. Because in the defense slides, there were other tissues that were not included with the plaintiff's slides. Q. I'm talking about any slides you've reviewed. A. Okay. Q. Just so we're clear, you have no opinions on what is going on any part of Linda Gross' body aside from what you saw on those particular tissue s? A. No. Q samples? MR. SNELL: Object to form. A. But the ones I've identified for you were from the plaintiff's slide I initially reviewed and then I subsequently reviewed similar tissues from the plaintiff, but I, also reviewed others that were not included with the	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Correct. Q. So whether or not there's inflammation, fibrosis or anything else going on in her body, if you didn't examine a tissue slide relating to it, you have no opinion on it? A. Correct. Q. And the just so I'm clear, is it fair to say that any time there is mesh, the tissue next to the mesh has inflammation or becomes inflamed? MR. SNELL: Objection to form. A. Not universally, no. There are areas even in these slides that show mesh without inflammation or without any meaningful inflammation. Q. Are you going to be rendering an opinion in this case strike that. Is it fair to say that the

9 (Pages 30 to 33)

	Page 34		Page 36
1	MR. SNELL: Objection to	1	doesn't change at all from that moment
2	form.	2	on.
3	A. It's variable. The	3	Q. You said it takes four to
4	inflammation that's present in some areas	4	seven days for hemosiderin to form.
5	is obvious and in other areas, there's	5	A. Once you get bleeding in the
6	virtually no inflammation. Or if there's	6	tissue, from the surgical procedure, you
7	inflammation, it may be associated or	7	will develop breakdown of the red cells
8	it is associated with other findings,	8	and the development of hemosiderin. So,
9	including the presence of hemosiderin.	9	obviously, the hemosiderin is not for the
10	Q. What is the significant of	10	surgical procedure that was done at the
11	the presence of hemosiderin?	11	time of the resection, it was done or
12	A. It's a natural response or	12	is associated with procedures that were
13	natural result from surgery during the	13	antecedent to the procedure.
14	course of surgery regardless of what the	14	Q. That was my point. I want
15	surgical procedure is, there is	15	to make sure we were on the same page.
16	disruption of blood vessels bleeding into	16	So, if a tissue sample shows
17	the tissue and then the blood breaks	17	hemosiderin, that relates to a prior
18	down, the hemoglobin is released from the	18	procedure?
19	red cells and turns in to hemosiderin	19	A. Correct.
20	which elicits an inflammatory response.	20	Q. And so you are not giving
21	Q. How long does it take for	21	any opinion in this case as to how often
22	hemosiderin to form?	22	mesh causes inflammation in the tissue?
23	A. Within four to seven days,	23	MR. SNELL: Objection to
24	you see hemosiderin in the tissue.	24	form.
25	Q. So if hemosiderin is shown	25	A. All I said was that the
	Page 35		Page 37
1	on some of these pathology slides, as it	1	inflammation associated with the mesh is
2	relates to the actual operation from	2	variable. There are areas with virtually
3	which the tissue was taken or a prior	3	no inflammation and that are areas with
4	operation?	4	more obvious inflammation.
5	A. There's no way to determine	5	Q. My question is, you are not
6	that other than the immediacy of the	6	giving an opinion in this case on a
7	hemosiderin to the tissue that's being	7	global scale as to how often the Prolift
8	resected at the time. Whether it was	8	mesh will cause inflammation in the
9	there prior to that, it's unlikely, but	9	adjoining tissues?
10	theoretically it's possible. Hemosiderin	10	A. I don't understand the
11	persists in the tissue, essentially,	11	question.
12	forever.	12	MR. SNELL: Object to form.
13	Q. Well, I'm trying to	13	BY MR. MAZIE:
14	understand. So if there's an operation	14	Q. Okay. Well, you're giving
15	and they take a piece of tissue to send	15	opinions in this case in the tissue
16	to pathology, does hemosiderin continue	16	samples you examined, correct?
17	to form from that point forward?	17	A. Correct.
18	A. Hemosiderin you mean once	18	Q. Beyond those tissue samples,
19	the tissue is out of the body?	19	there's an overall question I'm asking
20	Q. Yes.	20	you. And that is, whether you're giving
21	A. No.	21	an opinion as to how often and to what
22	Q. So, once the tissue is taken	22	extent the Prolift mesh will cause
23	out of the body, it's then sent to	23	inflammation in the patient's tissues.
23			
24	pathology, correct?	24 25	A. You are talking about

10 (Pages 34 to 37)

	Page 38		Page 40
1	form.	1	have identified that were present after
2	Q. Global?	2	being removed from her. In none of those
3	A global patient's tissues.	3	nerves was there evidence of significant
4	The answer is, no.	4	inflammation of nerves.
5	Q. You are not giving that	5	Q. You don't know what went on
6	opinion?	6	or what is going on in the rest of her
7	A. No.	7	nerves or the rest of her tissues because
8	Q. Doctor, were there is	8	you didn't examine them, correct?
9	inflammation, will that inflammation	9	MR. SNELL: Objection to
10	inflame nerves?	10	form.
11	A. Say that again.	11	A. Well, that's a theoretical
12	Q. Where you do have a	12	and, essentially, absurd comment.
13	situation where the mesh causes	13	There's no way to know that without a
14	inflammation, will the inflammation to	14	biopsy, without knowing in other sites
15	the extent there's nerves there, inflame	15	what is happening to nerves. There's
16	the nerves?	16	no absolutely no scientific or
17	MR. SNELL: Objection to	17	otherwise way to know that.
18	form.	18	Q. And I asked you
19	A. Only if one identifies	19	hypothetically if you have a situation
20	evidence of neural involvement by	20	where there's inflammation, can that
21	inflammation, which I did not.	21	cause inflamed nerves. And you called it
22	Q. I'm asking you	22	neuritis.
23	theoretically.	23	MR. SNELL: Objection to
24	A. Theoretically, if you have	24	form.
25	nerves and tissue and you have	25	A. I said, theoretically, one
	Page 39		Page 41
1	inflammation, you can theoretically	1	could have inflammation causing a
2	develop a neuritis, an inflammatory	2	neuritis, but one has to demonstrate it
3	process involving nerves for any surgical	3	to make the diagnosis of neuritis.
4	procedure, regardless of what the	4	Q. Doctor, how would you
5	procedure is and regardless of whether	5	characterize the inflammation that you
6	you use foreign material.	6	saw within the tissue slides?
7	Q. But my question is, if you	7	A. As I indicated earlier, it
8	have a situation where the Prolift mesh	8	was variable. There were areas with
9	is causing inflammation and there's	9	virtually no inflammation or very mild
10	nerves within that tissue, is it fair to	10	inflammation. There were areas with
11	say that can inflame the nerves?	11	inflammation, particularly in the
12	MR. SNELL: Objection to	12	pictures that I saw today, areas
13	form.	13	predominantly associated with the
14	A. Theoretically, if one sees	14	presence of hemosiderin in the tissue.
15			
	it. But, if it's not seen, I can't	15	And there were a few areas where the
16	it. But, if it's not seen, I can't answer in the global because we're not	16	And there were a few areas where the inflammation was more significant.
17	answer in the global because we're not talking about the global picture. I'm	16 17	inflammation was more significant. If taking the entire samples
17 18	answer in the global because we're not talking about the global picture. I'm talking about Mrs. Gross. And in that	16 17 18	inflammation was more significant. If taking the entire samples of tissue with it and without mesh
17 18 19	answer in the global because we're not talking about the global picture. I'm	16 17 18 19	inflammation was more significant. If taking the entire samples of tissue with it and without mesh and, also, by the way, there's fat
17 18 19 20	answer in the global because we're not talking about the global picture. I'm talking about Mrs. Gross. And in that case, there is no inflammation of nerves, so I comment further than that.	16 17 18 19 20	inflammation was more significant. If taking the entire samples of tissue with it and without mesh and, also, by the way, there's fat necrosis which causes inflammation,
17 18 19 20 21	answer in the global because we're not talking about the global picture. I'm talking about Mrs. Gross. And in that case, there is no inflammation of nerves,	16 17 18 19 20 21	inflammation was more significant. If taking the entire samples of tissue with it and without mesh and, also, by the way, there's fat necrosis which causes inflammation, taking all that together, I would say the
17 18 19 20 21 22	answer in the global because we're not talking about the global picture. I'm talking about Mrs. Gross. And in that case, there is no inflammation of nerves, so I comment further than that. Q. You don't know what you didn't examine every nerve in every part	16 17 18 19 20 21 22	inflammation was more significant. If taking the entire samples of tissue with it and without mesh and, also, by the way, there's fat necrosis which causes inflammation, taking all that together, I would say the overall picture is one of mild to minimal
17 18 19 20 21 22 23	answer in the global because we're not talking about the global picture. I'm talking about Mrs. Gross. And in that case, there is no inflammation of nerves, so I comment further than that. Q. You don't know what you didn't examine every nerve in every part of Mrs. Gross' pelvic area, correct?	16 17 18 19 20 21 22 23	inflammation was more significant. If taking the entire samples of tissue with it and without mesh and, also, by the way, there's fat necrosis which causes inflammation, taking all that together, I would say the overall picture is one of mild to minimal in some cases inflammation.
17 18 19 20 21 22	answer in the global because we're not talking about the global picture. I'm talking about Mrs. Gross. And in that case, there is no inflammation of nerves, so I comment further than that. Q. You don't know what you didn't examine every nerve in every part	16 17 18 19 20 21 22	inflammation was more significant. If taking the entire samples of tissue with it and without mesh and, also, by the way, there's fat necrosis which causes inflammation, taking all that together, I would say the overall picture is one of mild to minimal

11 (Pages 38 to 41)

	Page 42		Page 44
1	severe?	1	Q. Doctor, do you have an
2	A. In a few areas, the	2	opinion as to what the cause of the
3	inflammatory response is more active. I	3	fibrosis is that you saw within Ms.
4	don't know that I could quantify it as	4	Gross' body?
5	severe. If one is to do this from a	5	A. It's the normal response
6	scientific perspective, one would	6	to that falls under the broad category
7	actually want to know the entire picture	7	of wound healing with as I said
8	of inflammation. This is not a	8	before, granulation tissue, laying down
9	picture the tissues do not show a	9	of collagen. And together with that,
10	picture of severe inflammation	10	there's a macrophage response that in
11	throughout. There are few areas where	11	some areas is associated with the mesh or
12	the inflammatory response is more active	12	in some areas is associated with other
13	and a few other areas where the	13	
14	inflammatory response is more active, but	14	phenomenon going on in the tissues.
15	explained by other things, such as, as I	15	Q. Doctor, are you rendering an opinion in this case as to how mesh works
16	said, hemosiderin or fat necrosis.	16	
17		17	within the female body? A. No.
	Q. Doctor, does the when	18	
18 19	there's inflammation, does inflammation	19	Q. Do you have an understanding
20	remain or does it then change into	20	of how the mesh is intended to work
	fibrosis?	1	within the female body?
21	A. Inflammation and fibrosis	21	A. Only in very broad senses.
22	are two separate processes. They go	22	I mean, I'm not a bioengineer or
23	together to a certain extent, but the	23	mechanical engineer. I understand the
24	fibrosis is a response, as I indicated	24	general concept of support of the
25	before, to wound healing, granulation	25	tissues, but I'm not here as an expert in
	Page 43		Page 45
1	tissue, laying down of collagen.	1	that area.
2	Inflammation is, initially, associated	2	Q. Doctor, do you have an
3	with the macrophage and giant cell	3	understanding that the mesh is intended
4	inflammation associated with foreign	4	to have scar tissue form within it?
5	material, foreign bodies and that	5	A. Yes.
6	includes hemosiderin and fat necrosis,	6	Q. And did you see fibrosis or
7	generally persists for long periods of	7	scar tissue form within the pieces of
8	time, sometimes as long as one can track	8	mesh that you saw on the slides?
9	the process, but it is not	9	MR. SNELL: Objection to
10	inflammation and fibrosis go together but	10	form. Can you read that question
11	not directly.	11	back, actually?
12	Q. Is it fair strike that.	12	
13	Are you saying that	13	(Whereupon, the requested
14	inflammation does not cause fibrosis?	14	portion was read.)
15	A. Well, depends what the	15	
16	inflammation is. If you have an abscess	16	MR. SNELL: My objection
17	in the tissue due to infection, obviously	17	holds.
18	you're going to get fibrosis as a result.	18	THE WITNESS: There is
19	But inflammation, per se, if it damages	19	fibrosis in the tissue associated
20	structures, if it damages the heart	20	with the mesh.
21	muscle, you will get fibrosis as a	21	BY MR. MAZIE:
22	response to that. But when you're	22	Q. I'm not sure if I understand
23	dealing with tissues, as we are in this	23	your answer. There's fibrosis in the
24	case, the inflammation, per se, is not	24	tissue associated with the mesh. What
25	the cause of the fibrosis.	25	does that mean?

12 (Pages 42 to 45)

	Page 46		Page 48
1	A. Well, it's one of the	1	form.
2	problems in dealing with tissues from the	2	A. You are asking, am I going
3	vaginal wall is that the vagina is	3	to or not going to?
4	fibrous tissue surfaced by mucosa. And	4	Q. Are you going to do you
5	so, attempting to quantify the degree of	5	have let me ask it this way. Do you
6	fibrosis in the tissue is very difficult.	6	have any opinions in this case as to what
7	One can see fibrous tissue surrounding	7	the specific cause was of any of the
8	mesh fibers. One can see fibrous tissue	8	fibrosis that you saw in any of the
9	in areas of other damage, including fat	9	slides?
10	necrosis and hemosiderin deposition, but	10	A. Yes.
11	to attempt to quantify it when you have a	11	MR. SNELL: Objection to
12	background of fibrosis is very difficult.	12	form.
13	There's no one way to pick out the	13	THE WITNESS: I said before,
14	fibrous tissue that formed as discrete	14	it formed in response to the mesh,
15	scar related to the mesh from the tissue	15	it formed in response to other
16	that's normally present in the vaginal	16	injuries in the tissue.
17	stroma. There is fibrous tissue around	17	BY MR. MAZIE:
18	mesh fibers and, presumably, that's	18	Q. I understand that those are
19	fibrous tissue that formed as a response	19	the things that can cause the fibrosis.
20	to the mesh.	20	My question to you is, are you going to
21	Q. Fair to say first of all,	21	be able to look at fibrosis and say this
22	let me back up. Are you rendering any	22	actual fibrosis here is as a result of
23	opinions in this case as to what the	23	mesh, or this fibrosis is not the result
24	cause was of the fibrous tissue or the	24	of mesh, it's a result of something else?
25	fibrosis that you visualized on any of	25	MR. SNELL: Objection TO
	Page 47		Page 49
1	these slides?	1	form. Are you taking about like
2	A. It's a response to the	2	every strand of fibrosis, every
3	surgery. It's a response to the presence	3	strand of fiber?
4	of mesh. It's a response to the other	4	MR. MAZIE: Yes, any of
5	phenomenon that were present in the	5	them. Any of them.
6	tissue, including bleeding and fat	6	MR. SNELL: Object to form,
7	necrosis.	7	I mean
8	Q. Are you rendering an opinion	8	THE WITNESS: All that I can
9	in this case as to whether and to what	9	do and I think any examiner can do
10	extent any of the fibrosis that you saw	10	is to assess the presence of
11	on the slides was the result of mesh	11	fibrous tissue in its immediate
12	versus something else?	12	environment. Mesh fibers are
13	A. As I just indicated, there	13	present. There is fibrous tissue
14	is evidence of fibrous tissue associated	14	around between mesh fibers and
15	with the mesh fibers. To quantify that	15	presumably that the mesh fiber
16	or to separate that from the surrounding	16	elicited the collagen deposition
17	fibrous tissue, in my opinion, is very	17	of fibrosis. There are other
18	difficult, if not impossible.	18	areas, as I said before, with fat
19	Q. So you are not going to tell	19	necrosis and with hemosiderin
20	this jury at trial when showing a piece	20	that, also, are within an area of
21 22	of or a slide that shows fibrosis	21 22	fibrosis and presumably that
23	whether that fibrosis comes from the mesh	22	fibrosis was associated with those
24	or whether it's comes from something else?	23	changes. But to try and quantify the extent of the fibrosis that's
25	MR. SNELL: Objection to	25	present related to any one of
22	MIX. DINELE. OUJCHOILU		present related to any one or

13 (Pages 46 to 49)

	Page 50		Page 52
1	those processes, I believe, is not	1	say it more simply.
2	possible.	2	Do you have an understanding
3	BY MR. MAZIE:	3	of how the mesh changes, if at all, once
4	Q. Doctor, are you going to be	4	it's surgically placed into the body?
5	rendering any opinions in this case on	5	A. Are you asking about
6	mesh contraction?	6	degradation of the mesh?
7	A. No.	7	Q. I'm asking you about about
8	Q. Doctor, are you going to be	8	degradation. I'm asking you whether it
9	rendering any opinions on the size of the	9	contracts. I'm asking you whether it
10	mesh pores?	10	becomes brittle or hard. I'm asking any
11	A. No.	11	of those things?
12		12	_
	Q. Doctor, are you going to be	13	MR. SNELL: Let me object to
13	rendering any opinions in this case on		the form. Are you talking Prolift
14	whether a scar net formed or scar bridge?	14	mesh?
15	A. Well, I didn't see anything	15	BY MR. MAZIE:
16	that was that could be, at least in my	16	Q. Prolift mesh, of course.
17	understanding of scar bridges, that could	17	A. I see no evidence of
18	be interpreted as a scar bridge. There	18	degeneration. I see no evidence, in my
19	was as I said, there was fibrous	19	experience of polypropylene, ever
20	tissue in the tissues, there were mesh	20	undergoing degeneration of tissues. It
21	fibers and there were the other changes	21	persists for years in a state comparable
22	that I indicated. There was nothing that	22	to the way when it is placed in the body.
23	I could identify as a bridge.	23	I see that in vascular specimens for
24	Q. Are you rendering an opinion	24	years. And I see nothing in these
25	in this case that there was no scar	25	tissues, other than the disruptions
	Page 51		Page 53
1	bridge or scar net formed anywhere within	1	associated with the sectioning, the
2	Linda Gross' body?	2	histological processing of the tissue
3	A. Well, I didn't see	3	that indicates there's any change in the
4	everywhere within Linda Gross' body. All	4	mesh fiber.
5	I saw was the tissues that I indicated	5	Q. Aside from that one opinion
6	before. In those tissues, I see nothing	6	that you do not see any degeneration of
7	that indicates the presence of a bridge.	7	the Prolift mesh, do you have any other
8	And if I'm asked that question, that's my	8	opinions on what happens to the mesh once
9	-	9	it's placed in the female body? I'm
	answer.	10	1
10	Q. Doctor, do you have an		talking only about Prolift mesh.
11	opinions in this case on how the mesh	11 12	A. No.
12	itself will change within the body?	1	MR. SNELL: Objection to
13	MR. SNELL: Objection to	13	form.
14	form.	14	BY MR. MAZIE:
1		15	Q. If there's inflammation,
15	A. I don't understand your		=
16	question.	16	does it go through a process let me
16 17	question. Q. Do you have an understanding	16 17	does it go through a process let me ask it a different way. It's kind of a
16 17 18	question. Q. Do you have an understanding of what happens to mesh once it's	16 17 18	does it go through a process let me ask it a different way. It's kind of a lead up.
16 17 18 19	question. Q. Do you have an understanding of what happens to mesh once it's surgically placed within the female body?	16 17 18 19	does it go through a process let me ask it a different way. It's kind of a lead up. You talked about active
16 17 18 19 20	question. Q. Do you have an understanding of what happens to mesh once it's surgically placed within the female body? MR. SNELL: Same objection,	16 17 18 19 20	does it go through a process let me ask it a different way. It's kind of a lead up. You talked about active inflammation earlier, correct? You saw
16 17 18 19 20 21	question. Q. Do you have an understanding of what happens to mesh once it's surgically placed within the female body? MR. SNELL: Same objection, form.	16 17 18 19 20 21	does it go through a process let me ask it a different way. It's kind of a lead up. You talked about active inflammation earlier, correct? You saw no evidence of active inflammation or did
16 17 18 19 20 21 22	question. Q. Do you have an understanding of what happens to mesh once it's surgically placed within the female body? MR. SNELL: Same objection, form. A. I don't understand that	16 17 18 19 20 21 22	does it go through a process let me ask it a different way. It's kind of a lead up. You talked about active inflammation earlier, correct? You saw no evidence of active inflammation or did I misunderstand you?
16 17 18 19 20 21 22 23	question. Q. Do you have an understanding of what happens to mesh once it's surgically placed within the female body? MR. SNELL: Same objection, form. A. I don't understand that question, either.	16 17 18 19 20 21 22 23	does it go through a process let me ask it a different way. It's kind of a lead up. You talked about active inflammation earlier, correct? You saw no evidence of active inflammation or did I misunderstand you? A. No. I think that's a
16 17 18 19 20 21 22	question. Q. Do you have an understanding of what happens to mesh once it's surgically placed within the female body? MR. SNELL: Same objection, form. A. I don't understand that	16 17 18 19 20 21 22	does it go through a process let me ask it a different way. It's kind of a lead up. You talked about active inflammation earlier, correct? You saw no evidence of active inflammation or did I misunderstand you?

14 (Pages 50 to 53)

	Page 54		Page 56
1	are, in fact, active or quiescent.	1	understand if you put in the
2	MR. MAZIE: By the way,	2	context of Wicker, then there may
3	Burt, to the extent that since	3	be differences, there may be
4	this is a deposition that either	4	things he saw that have bearing
5	will be completed today as to Mrs.	5	upon inflammation, there might be
6	Wicker or on another occasion, any	6	other causes of inflammation.
7	of the questions I'm asking him	7	That's why I'm note sure if I can
8	about his background, about the	8	agree to that. I'm not trying to
9	overall response of the mesh,	9	be difficult. I'm not a
10	things that are generic to both	10	pathologist, so there may be
11	cases, I'm assuming you will agree	11	differences. I don't know.
12	that I can use those questions in	12	MR. MAZIE: I'm going to
13	both cases, so I don't have to ask	13	take the position that anything
14	him the same questions again at	14	that I'm asking him today that is
15	the second deposition, if there is	15	generic as to the mesh or,
16	a second deposition?	16	obviously, relating to his
17	MR. SNELL: I don't know if	17	background or anything like that
18	I can agree to that because they	18	or as to science regarding
19	are different cases with different	19	macrophages and inflammation and
20	pathologic aspects from my limited	20	how fibrosis formed can be used on
21	attorney's understanding. So,	21	any case that he's been identified
22	what his background was and legal	22	as an expert on in the
23	work and payments and things like	23	consolidated cases.
24	that, general questions about in	24	All right. Why don't we go
25	general how the inflammatory	25	off the record.
	D		
	Page 55		Page 57
1		1	VIDEOGRAPHER: The time is
1 2	process happens or how collagen lays down, those are general	1 2	
	process happens or how collagen		VIDEOGRAPHER: The time is
2	process happens or how collagen lays down, those are general	2	VIDEOGRAPHER: The time is now 2:57. We are going off the
2 3	process happens or how collagen lays down, those are general things, but	2 3	VIDEOGRAPHER: The time is now 2:57. We are going off the
2 3 4	process happens or how collagen lays down, those are general things, but MR. MAZIE: I'm not	2 3 4	VIDEOGRAPHER: The time is now 2:57. We are going off the record.
2 3 4 5	process happens or how collagen lays down, those are general things, but MR. MAZIE: I'm not MR. SNELL: I'm confused by	2 3 4 5	VIDEOGRAPHER: The time is now 2:57. We are going off the record. (Whereupon, a brief recess
2 3 4 5 6 7 8	process happens or how collagen lays down, those are general things, but MR. MAZIE: I'm not MR. SNELL: I'm confused by your question.	2 3 4 5 6 7 8	VIDEOGRAPHER: The time is now 2:57. We are going off the record. (Whereupon, a brief recess
2 3 4 5 6 7 8 9	process happens or how collagen lays down, those are general things, but MR. MAZIE: I'm not MR. SNELL: I'm confused by your question. MR. MAZIE: The question really relates to his background, it relates to whether he has any	2 3 4 5 6 7 8 9	VIDEOGRAPHER: The time is now 2:57. We are going off the record. (Whereupon, a brief recess was taken.)
2 3 4 5 6 7 8 9	process happens or how collagen lays down, those are general things, but MR. MAZIE: I'm not MR. SNELL: I'm confused by your question. MR. MAZIE: The question really relates to his background, it relates to whether he has any opinions on the pore size or	2 3 4 5 6 7 8 9	VIDEOGRAPHER: The time is now 2:57. We are going off the record. (Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:05. We are back on the record.
2 3 4 5 6 7 8 9 10	process happens or how collagen lays down, those are general things, but MR. MAZIE: I'm not MR. SNELL: I'm confused by your question. MR. MAZIE: The question really relates to his background, it relates to whether he has any opinions on the pore size or whether there's degradation or how	2 3 4 5 6 7 8 9 10	VIDEOGRAPHER: The time is now 2:57. We are going off the record. (Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:05. We are back on the record. BY MR. MAZIE:
2 3 4 5 6 7 8 9 10 11 12	process happens or how collagen lays down, those are general things, but MR. MAZIE: I'm not MR. SNELL: I'm confused by your question. MR. MAZIE: The question really relates to his background, it relates to whether he has any opinions on the pore size or whether there's degradation or how it effects the female body	2 3 4 5 6 7 8 9 10 11 12	VIDEOGRAPHER: The time is now 2:57. We are going off the record. (Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:05. We are back on the record. BY MR. MAZIE: Q. Let's go to your report now,
2 3 4 5 6 7 8 9 10 11 12 13	process happens or how collagen lays down, those are general things, but MR. MAZIE: I'm not MR. SNELL: I'm confused by your question. MR. MAZIE: The question really relates to his background, it relates to whether he has any opinions on the pore size or whether there's degradation or how it effects the female body generically, Prolift mesh, all	2 3 4 5 6 7 8 9 10 11 12 13	VIDEOGRAPHER: The time is now 2:57. We are going off the record. (Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:05. We are back on the record. BY MR. MAZIE: Q. Let's go to your report now, Doctor. In the first paragraph, you
2 3 4 5 6 7 8 9 10 11 12 13 14	process happens or how collagen lays down, those are general things, but MR. MAZIE: I'm not MR. SNELL: I'm confused by your question. MR. MAZIE: The question really relates to his background, it relates to whether he has any opinions on the pore size or whether there's degradation or how it effects the female body generically, Prolift mesh, all those questions would be the same	2 3 4 5 6 7 8 9 10 11 12 13 14	VIDEOGRAPHER: The time is now 2:57. We are going off the record. (Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:05. We are back on the record. BY MR. MAZIE: Q. Let's go to your report now, Doctor. In the first paragraph, you state fibrosis
2 3 4 5 6 7 8 9 10 11 12 13 14 15	process happens or how collagen lays down, those are general things, but MR. MAZIE: I'm not MR. SNELL: I'm confused by your question. MR. MAZIE: The question really relates to his background, it relates to whether he has any opinions on the pore size or whether there's degradation or how it effects the female body generically, Prolift mesh, all those questions would be the same for both cases. They're not	2 3 4 5 6 7 8 9 10 11 12 13 14 15	VIDEOGRAPHER: The time is now 2:57. We are going off the record. (Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:05. We are back on the record. BY MR. MAZIE: Q. Let's go to your report now, Doctor. In the first paragraph, you state fibrosis A. What page?
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	Page 58		Page 60
1	fibrosis itself elicits a chronic	1	place. You see it in selected areas.
2	inflammatory response?	2	Q. But that inflammation itself
3	A. There are inflammatory cells	3	will be chronic?
4	that are associated with the development	4	MR. SNELL: Objection to
5	of granulation tissue that will persist	5	form.
6	in the tissue once the collagen and the	6	A. Chronic inflammation has two
7	new vessels have formed.	7	definitions. One is in relative to
8	Q. So, sometimes inflammation	8	the type of inflammatory cell that's
9	causes fibrosis, correct?	9	present, just like acute inflammation
10	A. Well, it's not causing the	10	tends to mean neutrophils and occasional
11	fibrosis. There's an injury to the	11	eosinophils. Chronic inflammation is
12	tissue of one sort or another that leads	12	composed of lymphocytes, monocytes,
13	to fibrosis. The inflammatory response	13	macrophages and occasionally mass cells.
14	is part of that.	14	That's a particular terminology that's
15	Q. Okay. And if there is	15	used in a pathologic sense. It's not a
16	inflammation as a result of the fibrosis,	16	temporal sense. It has some temporal
17	will you be able to see that in the	17	component because the more chronic
18	slides?	18	inflammatory response tends to follow the
19	A. Well, you can see	19	more acute inflammatory response. So
20	certainly see the inflammatory cells and	20	there is a time dependency. But when you
21	the presence of the collagen. They are a	21	are talking about chronicity,
22	normal component of healing regardless of	22	long-standing process, that's a different
23	what, as I said here, regardless of what	23	kind of chronic.
24	the injury is.	24	Q. Okay. Let's talk about the
25	Q. You say lower down, foreign	25	temporal relationship to the chronic
	Page 59		Page 61
1	bodies are present, the inflammatory	1	inflammatory response from the mesh.
2	response is chronic and persistent. What	2	Okay?
3	does that mean?	3	Where there is a chronic
4	A. That the macrophage and	4	inflammatory response from the mesh in
5	giant cell response the macrophage and	5	the female body that mesh will stay
6	giant cell response will persist in the	6	inflamed for how long?
7	tissue in some cases forever. It will	7	MR. SNELL: Objection to
8	even in situations where you look at	8	form.
9	surgical suture granulomas ten years	9	A. Well, the concept of
10	later, it will still be inflammatory	10	inflamed, generally, indicates an act of
11	cells, macrophages in a few lymphocytes.	11	process of inflammation. And that's not
12	Q. Is it fair to say as a	12	what is present, at least as best as we
13	general proposition where mesh and I'm	13	can tell. There is inflammatory cells as
14	talking about Prolift mesh is placed	14	a result of the foreign material, but
15	within the female body where there's an	15	they aren't necessarily doing anything in
16	inflammatory response is going to be	16	an inflammatory process. In other words,
17	chronic in many instances?	17	they're not, to the best of my knowledge,
18	A. Almost exclusively, yes.	18	releasing enzymes or other substances in
19	Q. So, any time there's a	19	the tissue that have an adverse effect on
20	Prolift mesh, there will be a chronic	20	the tissue, they're just there.
21	inflammatory response within the female	21	Q. Where there is that type of
22	body?	22	chronic inflammatory response, how long
23	A. Of one degree or another.	23	will it last?
24	It's not universal. In other words, you	24	A. Potentially, forever.
25	don't see inflammation all over the	25	Q. So, when there is a chronic

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	Page 62		Page 64
1	_	1	
1	inflammatory response from the mesh	1 2	inflammatory response to the mesh as
2	itself, it's permanent in nature?		opposed to others?
3	MR. SNELL: Objection to	3	A. Well, I don't as I said,
4	form.	4	I don't know that's true with mesh. I
5	BY MR. MAZIE:	5	haven't most of the cases of mesh that
6	Q. That response.	6	I have seen in regard to hernias were
7	A. If there's inflammation, it	7	removed for other reasons, either
8	can persist, essentially, forever.	8	adhesion to other sites to other organs
9	Q. You would expect that, where	9	and in many cases due to infection. So
10	there is inflammation, that the	10	it's difficult to generalize to meshes as
11	inflammation will persist within the body	11	a class of materials.
12	until the person dies?	12	Q. All right. Then, we'll back
13	A. Correct.	13	it up one. And it's fair to say that
14	Q. And you say that for	14	it's your opinion that when foreign
15	some unknown I'm sorry. You say for	15	bodies, such as mesh, are placed into
16	unknown reasons, some patients may have a	16	the body, some people have more of an
17	much more intense response than others	17	intense response, inflammatory response
18	even when using similar materials and	18	to the foreign body as opposed to others?
19	surgical techniques. What did you mean	19	MR. SNELL: Objection to
20	by that?	20	form.
21	A. That there's patient	21	A. As I said, I don't know I
22	variability, unpredictable patient	22	can generalize to mesh because I don't
23	variability regardless of what the	23	have the experience, other than that
24	materials are, that some patients react	24	which I have indicated. The statement
25	more actively, more exuberantly to	25	had to do with foreign material across
	Page 63		Page 65
1	foreign material than others. And you	1	the spectrum of foreign materials used in
2	can see this in a number of different	2	surgical procedures.
3	situations. It's there's no way to	3	Q. So you can't give us an
4	understand it, to predict it, to even	4	opinion one way or the other as to
5	truly understand the mechanism, whether	5	whether or not mesh, in particular
6	it's an allergic phenomenon or some other	6	Prolift mesh, affects different people
7	phenomena, it's not known.	7	differently?
8	Q. So it's fair to say that the	8	A. Correct.
9	mesh will react differently within	9	Q. And you can't give an
10	different women?	10	opinion with regard to Prolift mesh as to
11	MR. SNELL: Objection to	11	what type of inflammatory response is
12	form.	12	expected within the average person?
13	A. Well, I don't know that.	13	MR. SNELL: Objection to
14	I'm just this was a general statement	14	form.
15	of observations with foreign materials in	15	BY MR. MAZIE:
16	many different situations where, in some	16	Q. Or the average female.
17	cases, they're of a much more pronounced	17	MR. SNELL: Same objection.
18	inflammatory response with similar	18	A. Well, my understanding is
19	materials versus other patients. I can't	19	that the type of inflammation is what I
20	speak to the vast population of patients	20	have described. That it's mononuclear
21	with mesh other than the mesh that I have	21	and macrophage inflammation with
22	seen in hernia procedures.	22	fibroblast as a general response to the
23	Q. You're experience as a	23	presence of the mesh material.
		24	•
24	pathologist in examining mesh is that	1 44	O. Bul can you allamily what is
24 25	pathologist in examining mesh is that some patients have a much more intense	25	Q. But can you quantify what is the expected inflammation; in other

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	Page 66		Page 68
1	words, how bad or how severe that	1	process. Obviously, if one makes an
2	inflammation is in the typical female	2	incision in the skin, a scar will form.
3	anatomy?	3	That's easily identifiable because
4	MR. SNELL: Objection to	4	there's an absence there are changes
5	form.	5	in the epidermis and there's an absence
6	THE WITNESS: I would have to	6	of skin appendages in the underlying
7	look at large numbers of specimens	7	tissue and we see that grossly, as well
8	to be able to answer that and I	8	as microscopically. In dealing with
9	can't answer that.	9	tissues, such as mesh implanted in
10	BY MR. MAZIE:	10	vaginal tissue, there is fibrosis,
11	Q. So you don't have such an	11	there's no question, but and one
12	opinion?	12	could, based on the general concept that
13	A. Correct.	13	when you have surgical disruption of the
14	Q. Do you have any opinions as	14	tissue, you will develop fibrosis which
15	to whether someone who has a pre-existing	15	is equivalent to scar. I would agree
16	chronic pain syndrome is affected	16	that there is some there's scar
17	differently by the mesh?	17	tissue, but it's not as easily definable
18	A. I do not, no.	18	as it is in certain tissues because of
19	Q. You say that surgery, per	19	the nature of the underlying tissue
20	se, regardless of whether foreign	20	itself.
21	material is used, including sutures, will	21	MR. MAZIE: I object and
22	lead to tissue damage with necrosis of	22	move to strike as nonresponsive.
23	connective tissue and fat; is that	23	BY MR. MAZIE:
24	correct?	24	Q. Doctor, all I've asked you
25	A. Correct.	25	was, does the mesh cause scar tissue.
	Page 67		Page 69
1	Q. Then you say, there's always	1	A. I think I've answered it.
2	some degree of associated damage to blood	2	Q. Well, I don't understand
3	vessels and tissue nerve bundles leading	3	your answer, Doctor.
4	to entrapment. These responses are not	4	A. Well, that's different.
5	unique to mesh. What do you mean by	5	MR. SNELL: That's not a
6	that?	6	basis for an objection.
7	 A. I think precisely what I 	7	BY MR. MAZIE:
8	said, that the surgical procedure,	8	Q. I don't think your answer
9	itself, if the tissue has nerve bundles	9	was responsive.
10	and, obviously, has unless we're	10	MR. SNELL: I think it was.
11	dealing with tendon or similar tissue,	11	Q. Let me ask you simply, does
12	has blood vessels and often adipose	12	the mesh cause fibrosis?
13	tissue, there's going to be damage to	13	MR. SNELL: Objection tp
14	those tissues that will be affected by	14	form.
15	the healing process.	15	A. Yes.
16	Q. We touched on this earlier.	16	Q. Is fibrosis different than
17	Doctor, do you agree that the mesh itself	17	scar tissue?
18	can cause scar tissue?	18	A. Under certain circumstances,
19	MR. SNELL: Objection to	19	yes.
20	form.	20	Q. Okay. Within Linda Gross,
21	A. The mesh cause fibrosis. It	21	is the fibrosis different than scar
22	depends on how one defines scar tissue.	22	tissue?
23	Q. How do you define scar	23	MR. SNELL: Object to form.
24	tissue?	24	A. It is not easily discernable
25	A. It's not an easily defined	25	whether she has a well-defined scar or

18 (Pages 66 to 69)

	Page 70		Page 72
1	scars versus just deposition of collagen	1	Q. So I want to make sure I
2	in the tissue surrounding the mesh.	2	understand this. You are not giving an
3	Q. And if the mesh itself is	3	opinion that Linda Gross was susceptible
4	the cause of the strike that.	4	to chronic inflammation in her pelvic
5	Mesh doesn't cause scar	5	organs?
6	tissue unless there's an incision related	6	MR. SNELL: Objection to
7	to that, is that correct?	7	form.
8	A. No. One has to implant,	8	A. Other than the inflammation
9	imbed the mesh or implant the mesh in the	9	she had in her uterus.
10	site, one will develop, obviously,	10	Q. Doctor, you saw in the
11	disruption of the surrounding tissues.	11	slides that there were entrapment of
12	Q. You say on the on page 5	12	multiple nerves?
13	that Mrs. Gross, also, had evidence of	13	A. Correct.
14	chronic endometriosis in the uterus in	14	Q. You can't tell us within a
15	the specimen, possibly indicating that	15	reasonable degree of medical probability
16	she had or was susceptible to chronic	16	as to how those nerves became entrapped?
17	inflammation in her pelvic organ. Do you	17	MR. SNELL: Objection to
18	see that?	18	form.
19	A. Yes.	19	BY MR. MAZIE:
20	Q. Doctor, can you give an	20	Q. Correct?
21	opinion within a reasonable degree of	21	A. They are a response to the
22	medical probability that Linda Gross was	22	surgical reparative process.
23	susceptible to chronic inflammation in	23	Q. How do you know that?
24	her pelvic organs?	24	A. Because they're occurring in
25	A. All I can say within a	25	the site of surgery.
	Page 71		Page 73
1	degree of medical probability is that she	1	
2	had inflammation in her pelvic organs.	2	Q. You mean an actual area where there was incision?
3	The at least involving the uterus.	3	A. Yes. There was implanting
4		4	of there was an incision, there was
5	More than that, I can't say. Q. And what you are saying is	5	placement of mesh, there was removal of
6	she had endometriosis?	6	•
7		0	mach There are multiple precedures
	A No Endomotritic and	7	mesh. There are multiple procedures
	A. No. Endometritis and	7	taking place in those tissues that will
8	endometriosis is two different things.	8	taking place in those tissues that will lead to fibrosis and surrounding of nerve
8 9	endometriosis is two different things. Q. You're saying she had	8 9	taking place in those tissues that will lead to fibrosis and surrounding of nerve tissue, nerve fibers.
8 9 10	endometriosis is two different things. Q. You're saying she had evidence of endometritis in her uterus?	8 9 10	taking place in those tissues that will lead to fibrosis and surrounding of nerve tissue, nerve fibers. Q. We, also, know that the mesh
8 9 10 11	endometriosis is two different things. Q. You're saying she had evidence of endometritis in her uterus? A. In the lining of the	8 9 10 11	taking place in those tissues that will lead to fibrosis and surrounding of nerve tissue, nerve fibers. Q. We, also, know that the mesh can cause fibrosis as well; correct?
8 9 10 11 12	endometriosis is two different things. Q. You're saying she had evidence of endometritis in her uterus? A. In the lining of the endometrial lining of the uterus, she had	8 9 10 11 12	taking place in those tissues that will lead to fibrosis and surrounding of nerve tissue, nerve fibers. Q. We, also, know that the mesh can cause fibrosis as well; correct? A. Yes, but it's a natural
8 9 10 11 12 13	endometriosis is two different things. Q. You're saying she had evidence of endometritis in her uterus? A. In the lining of the endometrial lining of the uterus, she had inflammation.	8 9 10 11 12 13	taking place in those tissues that will lead to fibrosis and surrounding of nerve tissue, nerve fibers. Q. We, also, know that the mesh can cause fibrosis as well; correct? A. Yes, but it's a natural response to any surgical procedure,
8 9 10 11 12 13 14	endometriosis is two different things. Q. You're saying she had evidence of endometritis in her uterus? A. In the lining of the endometrial lining of the uterus, she had inflammation. Q. You can't give an opinion	8 9 10 11 12 13 14	taking place in those tissues that will lead to fibrosis and surrounding of nerve tissue, nerve fibers. Q. We, also, know that the mesh can cause fibrosis as well; correct? A. Yes, but it's a natural response to any surgical procedure, whether regardless of whether you use
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8 9 10 11 12 13 14 15 16 17 18 19 20 21	endometriosis is two different things. Q. You're saying she had evidence of endometritis in her uterus? A. In the lining of the endometrial lining of the uterus, she had inflammation. Q. You can't give an opinion within a reasonable degree of medical probability as whether or not she was susceptible to chronic inflammation in her pelvic organs outside of the uterine lining? MR. SNELL: Objection to form.	8 9 10 11 12 13 14 15 16 17 18 19 20 21	taking place in those tissues that will lead to fibrosis and surrounding of nerve tissue, nerve fibers. Q. We, also, know that the mesh can cause fibrosis as well; correct? A. Yes, but it's a natural response to any surgical procedure, whether regardless of whether you use mesh or not, that you will see nerve fibers enveloped or surrounded by fibrous tissue. Q. You can't tell us within a reasonable degree of medical probability as to whether those nerves that were entrapped were the result of the actual
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	endometriosis is two different things. Q. You're saying she had evidence of endometritis in her uterus? A. In the lining of the endometrial lining of the uterus, she had inflammation. Q. You can't give an opinion within a reasonable degree of medical probability as whether or not she was susceptible to chronic inflammation in her pelvic organs outside of the uterine lining? MR. SNELL: Objection to form. A. Of the other pelvic organs	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	taking place in those tissues that will lead to fibrosis and surrounding of nerve tissue, nerve fibers. Q. We, also, know that the mesh can cause fibrosis as well; correct? A. Yes, but it's a natural response to any surgical procedure, whether regardless of whether you use mesh or not, that you will see nerve fibers enveloped or surrounded by fibrous tissue. Q. You can't tell us within a reasonable degree of medical probability as to whether those nerves that were entrapped were the result of the actual surgical process or whether they were the
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8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	endometriosis is two different things. Q. You're saying she had evidence of endometritis in her uterus? A. In the lining of the endometrial lining of the uterus, she had inflammation. Q. You can't give an opinion within a reasonable degree of medical probability as whether or not she was susceptible to chronic inflammation in her pelvic organs outside of the uterine lining? MR. SNELL: Objection to form. A. Of the other pelvic organs	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	taking place in those tissues that will lead to fibrosis and surrounding of nerve tissue, nerve fibers. Q. We, also, know that the mesh can cause fibrosis as well; correct? A. Yes, but it's a natural response to any surgical procedure, whether regardless of whether you use mesh or not, that you will see nerve fibers enveloped or surrounded by fibrous tissue. Q. You can't tell us within a reasonable degree of medical probability as to whether those nerves that were entrapped were the result of the actual surgical process or whether they were the

19 (Pages 70 to 73)

	Page 74		Page 76
1	form.	1	changes depending on how much mesh is in
2	A. There's absolutely no way	2	the female body?
3	anyone scientifically can separate those	3	MR. SNELL: Objection to
4	two processes.	4	form.
5	Q. Now, you talked about the	5	A. Have I studied that myself,
6	fact that you saw a neuroma. What is a	6	no.
7	neuroma?	7	Q. Are you aware of any
8	A. A neuroma, in this case, is	8	literature that speaks to that issue?
9	what's called a traumatic neuroma. It is	9	A. No.
10	secondary to disruption or transection	10	Q. Can you tell us within a
11	of nerve, and it subsequently leads to	11	reasonable degree of medical probability
12	the proliferation of little nerve fibers	12	as to how this amount of mesh that's
13	that extend out from the end of the	13	contained within the Prolift system will
14	disrupted segment.	14	affect the female body as opposed to a
15	Q. Could that neuroma have been	15	smaller amount of mesh used in several
16	caused by a reaction to the mesh?	16	sutures?
17	A. No. It's a reaction to	17	MR. SNELL: Objection to
18	transection. It's a surgical process.	18	form.
19	O. How do we know that?	19	A. It's a quantitative process.
20	A. Because that's how traumatic	20	Where you have mesh, there are areas in
21	neuromas develop. They're either	21	which there is adjacent fibrosis and
22		22	
23	disrupted by trauma, external trauma or	23	adjacent inflammatory response, in some
	they're disrupted by iatrogenic trauma.	24	areas. In other areas, there's almost
24	They are not responding to the presence	25	none. Where you have a suture or
25	of surrounding mesh.	23	sutures, the response is localized to the
	Page 75		Page 77
1	Q. How many neuromas did you	1	presence of the suture. It does not
2	see?	2	spread out through the tissue.
3	A. One.	3	Q. Where there's mesh, such as
4	Q. And is the reason that you	4	the Prolift mesh, do you know if that
5	arrive at the opinion that the neuroma	5	inflammatory response builds on itself?
6	was traumatic in nature due to the	6	A. I don't understand that
7	transection because there was no mesh	7	question.
8	next to it or adjacent to it?	8	Q. Where there's more mesh,
9	A. No. That's the	9	such as the amount of mesh we have in the
10	pathophysiologic mechanism by which	10	Prolift system, do you know if that
11	traumatic neuromas develop.	11	insights a much greater multiple of
12	Q. Do you have an opinion as to	12	inflammatory response and/or fibrosis as
13	whether or not the mesh itself migrates	13	opposed to a smaller amount of mesh you
14	within the female body?	14	would see in a couple of sutures?
15	A. I do not, no. I have no	15	MR. SNELL: Objection to
16	opinion.	16	form. Go ahead.
17	Q. You say in your opinion that	17	A. The response is associated
18	Mrs. Gross did not I'm sorry, strike	18	with the mesh fibers themselves. It's
110	that.	19	not going obviously, if you have
19		20	multiple fibers, just as if you had
20	You say that in your opinion		
20 21	Ms. Gross had an unremarkable response to	21	multiple sutures in a tissue you would
20 21 22	Ms. Gross had an unremarkable response to the Ethicon mesh, is that correct?	21 22	multiple sutures in a tissue you would have quantitatively more inflammation in
20 21 22 23	Ms. Gross had an unremarkable response to the Ethicon mesh, is that correct? A. Correct.	21 22 23	multiple sutures in a tissue you would have quantitatively more inflammation in total, but it's a question of whether the
20 21 22	Ms. Gross had an unremarkable response to the Ethicon mesh, is that correct?	21 22	multiple sutures in a tissue you would have quantitatively more inflammation in

20 (Pages 74 to 77)

	Dog 70		Daga 90
	Page 78		Page 80
1	In many areas, the mesh is not elicited,	1	was held off the video record:)
2	a significant or, if any, inflammatory	2	MR. MAZIE: We are here with
3	response in other areas, there's more of	3	the understanding of taking the
4	an inflammatory response. Obviously, if	4	deposition of Dr. Factor with
5	you have more mesh, you potentially can	5	regard to both the Gross and the
6	have more inflammation.	6	Wicker case. I arrived here today
7	Q. Are you aware of any	7	without prior warning. And Mr.
8	literature, Doctor, that talks about the	8	Snell told me that he was going to
9	multiplication effect where there's more	9	refuse to allow the Doctor to
10	mesh?	10	answer questions concerning the
11	A. I'm not you aware of it and	11	Wicker case. Is that correct?
12	biologically it makes no sense.	12	MR. SNELL: You're patently
13	Q. Have you reviewed any of	13	wrong. You were told by Kelly
14	Linda Gross' medical records?	14	Crawford that we were not
15	A. I reviewed some portions of	15	producing Dr. Factor, we object to
16	them. Obviously, I reviewed the	16	producing him producing Dr.
17	operative reports and the surgical	17	Factor in the Wicker case that in
18	pathology reports.	18	light of the fact that, A., Dr.
19	Q. Do you have any opinion as	19	Faulk (ph) is a new expert and he
20	to whether and to what extent Linda Gross	20	has not been deposed. There's a
21		21	
22	suffers from chronic pain as a result of	22	motion pending on him. B, Dr.
23	the mesh?	23	Welsh has not even been deposed
24	A. I'm aware she's had	24	yet on Wicker. Therefore, we did
25	complaints of chronic pain. Whether it's	25	not believe it would be pertinent
45	due to the mesh or not, I don't know.	∠5	or right to produce Dr. Factor in
	Page 79		Page 81
1	Q. I'm to go through some of	1	the Wicker case concerning that
2	the slides. I'm going to show you	2	plaintiff's experts have not even
3	Doctor, what has been marked as Factor 1,	3	been disclosed, let alone one of
4	which is sample CR07-8397. These are	4	may not be allowed to so testify
5	slides you have seen before; correct?	5	in the Wicker case.
6	A. Just the ones I got this	6	So your representation is
7	morning, or this afternoon.	7	wrong. Whether you were copied on
8	Q. But the	8	the e-mail to your partner, Adam
9	A. I saw the slides. I saw	9	Slater, I frankly did not go back
10	these pictures today.	10	and check that.
11	Q. Right. But you have seen	11	MR. MAZIE: I was aware you
12	these slides before?	12	were taking that position, but the
13	A. Oh, absolutely.	13	judge had said that you should
14	Q. Let's turn to I want to	14	take whatever you can with regard
15	start with I guess we'll start with	15	to Dr. Welsh. You were given the
16	the 13th slide.	16	opportunity. He was not finished
17	A. What is the picture?	17	for whatever reason. He was
18	MR. MAZIE: Okay. Why don't	18	prepared to stay. Kelly decided
19	we change tape.	19	not to stay. And in either event,
20	VIDEOGRAPHER: The time is	20	the Judge said that we should go
21	now 3:30. This is the end of Disc	21	ahead and take Dr. Factor on both
22	Number 1. We are now going off	22	cases regardless.
23	the record.	23	MR. SNELL: It's my
24	uic record.	24	understanding that was not what
25	(Whereupon, the following	25	happened, that the court reporter
ر ک	(w nereupon, the following	<u> </u>	nappened, mai me court reporter

	5 00	1	D 04
	Page 82		Page 84
1	needed to leave. The Judge said	1	deposed on Wicker. But at this
2	we should focus on Gross first,	2	point, he should be after Dr.
3	that's why Kelly focused on Gross	3	Welsh and after the motion is
4	first and the Judge has not said	4	decided on plaintiff's newly
5	that Dr. Factor should be deposed	5	disclosed, last minute expert on
6	on Wicker in addition to Gross as	6	the amyloidosis pertinent to the
7	we sit here today at this	7	Wicker case, who has refused Dr.
8	deposition. So I think that's	8	Factor's report and opines about
9	attorney/lawyer argument, and if	9	it.
10	there's a disagreement, it's	10	MR. MAZIE: I want to place
11	amongst the counsel.	11	on the record that the first time
12	MR. MAZIE: So we're clear,	12	amyloidosis was ever raised was by
13	to the extent you do not allow me	13	Dr. Factor and we turned around
14	to ask questions concerning Wicker	14	and produced an expert within a
15	and we're not getting in touch	15	week or less and that was, by the
16	with the Judge, we'll seek to move	16	way, close to a month ago.
17	to bar Dr. Factor's testimony in	17	MR. SNELL: The fact that
18	the Wicker case. And to the	18	Dr. Welsh did not recognize it, I
19	extent the Judge does not grant	19	cannot speak to that.
20	that, we're going to ask that the	20	MR. MAZIE: Okay. It's
21	deposition take place at our	21	there.
22	office at our convenience. Okay.	22	
23	MR. SNELL: We are fine with	23	(Whereupon, a discussion was
24	producing Dr. Factor for the	24	held off the record.)
25	Wicker case. And Dr. Factor,	25	
	Page 83		Page 85
1	you're fine with giving a	1	VIDEOGRAPHER: The time is
2	deposition in the Wicker case.	2	now 3:42. We are back on the
3	THE WITNESS: I have no	3	record.
4	problem giving a deposition, but	4	BY MR. MAZIE:
5	it limits the number of days that	5	Q. Doctor, I'm showing you what
6	you have available because I often	6	has been, I think, considered to be slide
7	have to be here at the hospital	7	number 14, which is part of Factor 1.
8	for portions of those days.	8	Why don't you hold that up for the
9	MR. SNELL: So we will	9	camera, so we're all on the same page?
10	produce Dr. Factor here, and it	10	MR. SNELL: I think you've
11	will be done I would like to	11	identified it as the 13th slide.
12	put something else on the record.	12	MR. MAZIE: It's 13th, but
13	We offered to move the deposition	13	if you include the first page,
14	in toto until after Dr. Welsh was	14	it's the 14th.
15	deposed. And I believe Dr. Factor	15	BY MR. MAZIE:
16	gave a date of December 19th in	16	Q. Doctor, can you tell us what
17	response to Mr. Mazie's dates that	17	is going on in that slide?
18	he provided for potential	18	MR. SNELL: Objection to
19	availability in December.	19	form.
20	So, that was an offer that	20	MR. MAZIE: What is the
21	we made that was rejected and	21	objection?
22	we've never stated our position	22	MR. SNELL: What is going
44	_		
23	was otherwise So Dr Footor	1 / 2	on'/
23	was otherwise. So, Dr. Factor	23	on?
23 24 25	was otherwise. So, Dr. Factor I'm more than willing to produce him. He's more than willing to be	23 24 25	on? MR. MAZIE: Yes. BY MR. MAZIE:

22 (Pages 82 to 85)

	Page 86		Page 88
1	Q. What do you see?	1	mesh fibers were is fibrosis?
2	A. There are number of fiber	2	A. It is around the fibers and
3	mesh spaces with some residual mesh	3	between the fibers, yes.
4	material. A lot of it has been disrupted	4	Q. You can't give us an opinion
5	by technical artifact the sectioning	5	as to what the cause of that fibrosis is
6	of the tissue. There is a longitudinal	6	in this tissue sample from Linda Gross,
7	vessel running obliquely across the	7	correct?
8	humoids (ph). There's several small	8	MR. SNELL: Objection to
9	vessels off to one side, and there are	9	form.
10	inflammatory cells, including what	10	A. It's part of the process of
11	appears to be lymphocytes and macrophages	11	the implantation of the mesh and the
12	along with a few multi-nucleated giant	12	surgical ailment.
13	cells.	13	
14		14	Q. Can you tell whether or not
15	Q. Doctor, fair to say there's active chronic inflammation on this	15	the surgical fibers themselves caused the
		1	fibrosis that you see in this slide,
16	slide?	16	number 15?
17	MR. SNELL: Objection to	17	MR. SNELL: Objection.
18	form.	18	A. There's no way to
19	THE WITNESS: There's	19	specifically ascribe the fibrosis to the
20	inflammation. Again, there's no	20	mesh. In fact, in the central portion of
21	way to determine that this is	21	the field, there are virtually no fibers
22	active.	22	and there's still fibrosis and fibrosis
23	BY MR. MAZIE:	23	extends beyond the mesh fibers. So
24	Q. And there's, at least, one	24	trying to directly relate the fibrosis to
25	or two giant cells?	25	the mesh is not possible.
	Page 87		Page 89
1	A. There are several giant	1	Q. You can't tell us one way or
2	cells, both off slightly away from the	2	the other, correct?
3	fibers as well as appearing to be near	3	A. Correct.
4	the fibers.	4	Q. Next, Number 16, do you see
5			Q. Mext, Number 10, do you see
	O. There's chronic inflammation	5	
6	Q. There's chronic inflammation adjacent to the mesh fibers where the	5 6	chronic inflammation around the mesh in
6 7	adjacent to the mesh fibers where the	5 6 7	chronic inflammation around the mesh in the slide?
7	adjacent to the mesh fibers where the chronic fibers were?	6 7	chronic inflammation around the mesh in the slide? A. Well, this is the same field
7 8	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is	6	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the
7 8 9	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually,	6 7 8 9	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever
7 8 9 10	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually, closest to the blood vessel that runs	6 7 8 9 10	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever that number was.
7 8 9 10 11	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually, closest to the blood vessel that runs obliquely through the field.	6 7 8 9 10 11	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever that number was. Q. Can you see extensive
7 8 9 10 11	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually, closest to the blood vessel that runs obliquely through the field. Q. Just so we're clear, there	6 7 8 9 10 11 12	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever that number was. Q. Can you see extensive fibrosis in this slide?
7 8 9 10 11 12 13	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually, closest to the blood vessel that runs obliquely through the field. Q. Just so we're clear, there is chronic inflammation between the mesh	6 7 8 9 10 11 12 13	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever that number was. Q. Can you see extensive fibrosis in this slide? A. There is fibrosis that
7 8 9 10 11 12 13 14	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually, closest to the blood vessel that runs obliquely through the field. Q. Just so we're clear, there is chronic inflammation between the mesh fibers; correct?	6 7 8 9 10 11 12 13 14	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever that number was. Q. Can you see extensive fibrosis in this slide? A. There is fibrosis that extends around the mesh fibers and
7 8 9 10 11 12 13 14 15	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually, closest to the blood vessel that runs obliquely through the field. Q. Just so we're clear, there is chronic inflammation between the mesh fibers; correct? A. That's just what I said.	6 7 8 9 10 11 12 13 14 15	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever that number was. Q. Can you see extensive fibrosis in this slide? A. There is fibrosis that extends around the mesh fibers and extends away from the mesh fibers. The
7 8 9 10 11 12 13 14 15 16	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually, closest to the blood vessel that runs obliquely through the field. Q. Just so we're clear, there is chronic inflammation between the mesh fibers; correct? A. That's just what I said. Q. And there are, also, giant	6 7 8 9 10 11 12 13 14 15 16	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever that number was. Q. Can you see extensive fibrosis in this slide? A. There is fibrosis that extends around the mesh fibers and extends away from the mesh fibers. The area off to the upper right has no mesh
7 8 9 10 11 12 13 14 15 16 17	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually, closest to the blood vessel that runs obliquely through the field. Q. Just so we're clear, there is chronic inflammation between the mesh fibers; correct? A. That's just what I said. Q. And there are, also, giant cells there?	6 7 8 9 10 11 12 13 14 15 16 17	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever that number was. Q. Can you see extensive fibrosis in this slide? A. There is fibrosis that extends around the mesh fibers and extends away from the mesh fibers. The area off to the upper right has no mesh fibers and has the same fibrosis
7 8 9 10 11 12 13 14 15 16 17	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually, closest to the blood vessel that runs obliquely through the field. Q. Just so we're clear, there is chronic inflammation between the mesh fibers; correct? A. That's just what I said. Q. And there are, also, giant cells there? A. There's, at least, one giant	6 7 8 9 10 11 12 13 14 15 16 17	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever that number was. Q. Can you see extensive fibrosis in this slide? A. There is fibrosis that extends around the mesh fibers and extends away from the mesh fibers. The area off to the upper right has no mesh fibers and has the same fibrosis elsewhere.
7 8 9 10 11 12 13 14 15 16 17 18	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually, closest to the blood vessel that runs obliquely through the field. Q. Just so we're clear, there is chronic inflammation between the mesh fibers; correct? A. That's just what I said. Q. And there are, also, giant cells there? A. There's, at least, one giant cell in that particular area.	6 7 8 9 10 11 12 13 14 15 16 17 18	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever that number was. Q. Can you see extensive fibrosis in this slide? A. There is fibrosis that extends around the mesh fibers and extends away from the mesh fibers. The area off to the upper right has no mesh fibers and has the same fibrosis elsewhere. Q. Let's go to the 26th slide,
7 8 9 10 11 12 13 14 15 16 17 18 19 20	adjacent to the mesh fibers where the chronic fibers were? A. Chronic inflammation is between the mesh fibers. It's, actually, closest to the blood vessel that runs obliquely through the field. Q. Just so we're clear, there is chronic inflammation between the mesh fibers; correct? A. That's just what I said. Q. And there are, also, giant cells there? A. There's, at least, one giant cell in that particular area. Q. Let's turn to the 15th	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	chronic inflammation around the mesh in the slide? A. Well, this is the same field as the higher power that we saw in the previous, the number 13 or 14, whatever that number was. Q. Can you see extensive fibrosis in this slide? A. There is fibrosis that extends around the mesh fibers and extends away from the mesh fibers. The area off to the upper right has no mesh fibers and has the same fibrosis elsewhere. Q. Let's go to the 26th slide, which looks like this.
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23 (Pages 86 to 89)

	Page 90		Page 92
1	THE WITNESS: They're all	1	next one, the fourth one we're looking
2	the same, unfortunately.	2	at. It's this one.
3	BY MR. MAZIE:	3	A. No. It's not that one.
4	Q. This shows chronic	4	It's this one.
5	inflammation, this slide?	5	
6	A. This is the same field that	6	Q. Okay. And it's Number 33. MR. SNELL: Let me get that.
7		7	What is in front of it?
8	We saw.	8	THE WITNESS: It's the
	Q. Let's go two more, number	9	
9	28. We haven't talked about this one		same.
10	yet, have we?	10	MR. MAZIE: Fourth one of
11	A. Not to my knowledge, no.	11	this series.
12	Q. This shows fibrosis	12	MR. SNELL: You are saying
13	surrounding the mesh fibers?	13	this is page what?
14	A. Yes, with virtually no	14	MR. MAZIE: 33.
15	inflammation.	15	BY MR. MAZIE:
16	Q. There's fibrosis surrounding	16	Q. Doctor, what do you see
17	the mesh fibers, correct?	17	there?
18	A. I just said so, yes.	18	A. I see a portion of fiber. I
19	Q. And the fibers themselves	19	see a few inflammatory cells. I see some
20	here, the fibrosis is, actually, pulling	20	spaces off to the upper left.
21	the fibers together; correct?	21	MR. MAZIE: I need to pick
22	A. Well you	22	this up. I'm sorry.
23	MR. SNELL: Object to form.	23	VIDEOGRAPHER: The time is
24	THE WITNESS: you can't	24	now 3:50. We're going off the
25	make that conclusion. There's	25	record.
		1	
	Page 91		Page 93
1		1	Page 93
1 2	fibrosis and there are fibers, but	1 2	
	fibrosis and there are fibers, but there's no way you can make a		(Whereupon, a brief recess
2	fibrosis and there are fibers, but there's no way you can make a conclusion, especially because	2	
2 3 4	fibrosis and there are fibers, but there's no way you can make a conclusion, especially because there's, also, artifacts in this	2 3 4	(Whereupon, a brief recess was taken.)
2 3	fibrosis and there are fibers, but there's no way you can make a conclusion, especially because there's, also, artifacts in this tissue that the whole that is	2 3 4 5	(Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is
2 3 4 5 6	fibrosis and there are fibers, but there's no way you can make a conclusion, especially because there's, also, artifacts in this tissue that the whole that is at 12 o'clock, there's a tear in	2 3 4 5 6	(Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:51. We are back on the
2 3 4 5 6 7	fibrosis and there are fibers, but there's no way you can make a conclusion, especially because there's, also, artifacts in this tissue that the whole that is at 12 o'clock, there's a tear in the tissue which disrupts the	2 3 4 5 6 7	(Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:51. We are back on the record.
2 3 4 5 6 7 8	fibrosis and there are fibers, but there's no way you can make a conclusion, especially because there's, also, artifacts in this tissue that the whole that is at 12 o'clock, there's a tear in the tissue which disrupts the fibrous tissue.	2 3 4 5 6 7 8	(Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:51. We are back on the record. BY MR. MAZIE:
2 3 4 5 6 7 8 9	fibrosis and there are fibers, but there's no way you can make a conclusion, especially because there's, also, artifacts in this tissue that the whole that is at 12 o'clock, there's a tear in the tissue which disrupts the fibrous tissue. BY MR. MAZIE:	2 3 4 5 6 7 8 9	(Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:51. We are back on the record. BY MR. MAZIE: Q. Doctor, you see the
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	fibrosis and there are fibers, but there's no way you can make a conclusion, especially because there's, also, artifacts in this tissue that the whole that is at 12 o'clock, there's a tear in the tissue which disrupts the fibrous tissue. BY MR. MAZIE: Q. Doctor, do you know one way or the other whether the fibrosis is affecting the distance between the mesh fibers? A. I don't know. Q. Okay. Let's go to Number 33, which looks like that. You might want to count it from the last one, which is 26? A. Is it this one? Q. There's a number of them in a row that look alike. So, let's see. The first one you see of this, looks like	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	(Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:51. We are back on the record. BY MR. MAZIE: Q. Doctor, you see the degradation of that mesh fiber there? A. I see changes associated with the edge of the mesh. I can't tell whether that's pre-existent degradation or changes associated with the sectioning because there artifacts associated with the sectioning. The mesh fiber, actually, can be seen in its entirety on the two photographs next, which shows polarization of that mesh fiber and shows it intact. Q. Let's go to Number 35. Do you see the polarized portion it's all
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	fibrosis and there are fibers, but there's no way you can make a conclusion, especially because there's, also, artifacts in this tissue that the whole that is at 12 o'clock, there's a tear in the tissue which disrupts the fibrous tissue. BY MR. MAZIE: Q. Doctor, do you know one way or the other whether the fibrosis is affecting the distance between the mesh fibers? A. I don't know. Q. Okay. Let's go to Number 33, which looks like that. You might want to count it from the last one, which is 26? A. Is it this one? Q. There's a number of them in a row that look alike. So, let's see. The first one you see of this, looks like that.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	(Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:51. We are back on the record. BY MR. MAZIE: Q. Doctor, you see the degradation of that mesh fiber there? A. I see changes associated with the edge of the mesh. I can't tell whether that's pre-existent degradation or changes associated with the sectioning because there artifacts associated with the sectioning. The mesh fiber, actually, can be seen in its entirety on the two photographs next, which shows polarization of that mesh fiber and shows it intact. Q. Let's go to Number 35. Do you see the polarized portion it's all polarized, but you see the colored
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	fibrosis and there are fibers, but there's no way you can make a conclusion, especially because there's, also, artifacts in this tissue that the whole that is at 12 o'clock, there's a tear in the tissue which disrupts the fibrous tissue. BY MR. MAZIE: Q. Doctor, do you know one way or the other whether the fibrosis is affecting the distance between the mesh fibers? A. I don't know. Q. Okay. Let's go to Number 33, which looks like that. You might want to count it from the last one, which is 26? A. Is it this one? Q. There's a number of them in a row that look alike. So, let's see. The first one you see of this, looks like	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	(Whereupon, a brief recess was taken.) VIDEOGRAPHER: The time is now 3:51. We are back on the record. BY MR. MAZIE: Q. Doctor, you see the degradation of that mesh fiber there? A. I see changes associated with the edge of the mesh. I can't tell whether that's pre-existent degradation or changes associated with the sectioning because there artifacts associated with the sectioning. The mesh fiber, actually, can be seen in its entirety on the two photographs next, which shows polarization of that mesh fiber and shows it intact. Q. Let's go to Number 35. Do you see the polarized portion it's all

24 (Pages 90 to 93)

	Page 94		Page 96
1	Q. Fair to say there's	1	Mazie, was before starting the
2	degradation of that mesh fiber?	2	deposition, he was informed by the
3	A. I don't know that's, in	3	defense he was not to ask any
4	fact, the case. There's tearing of the	4	questions of Dr. Factor about the
5	tissue. There's a what looks like	5	Wicker case. And we are prepared
6	connective tissue or inflammatory tissue	6	to proceed and take the deposition
7	that's crossing that space. And I cannot	7	fully on both cases, and we think
8	tell whether that is degradation of the	8	we should be permitted to fully
9	surface or a portion of the surface or is	9	take the deposition today.
10	a disruption secondary to sections	10	THE COURT: Is the
11	artifact.	11	deposition as to Gross completed?
12	Q. Just so we're clear	12	MR. MAZIE: Judge
13	VIDEOGRAPHER: The time is	13	MS. CRAWFORD: Kelly
14	now 3:520. We're going off the	14	Crawford. I don't know if you're
15	record.	15	directing that at me.
16		16	THE COURT: Go ahead, Kelly.
17	(Whereupon, a brief recess	17	MS. CRAWFORD: I'm not at
18	was held.)	18	the deposition, Judge, but as I
19		19	understand it, Mr. Snell can
20	(Whereupon, the following	20	confirm, they're in the middle of
21	discussion was held off the video	21	the Gross deposition regarding Dr.
22	record:)	22	Factor at this point and it's not
23		23	yet completed.
24	THE COURT: Hello, Counsel.	24	MR. MAZIE: Judge, Dave
25	MR. SLATER: Hello, Judge.	25	Mazie. I will be done with the
	Page 95		Page 97
1	THE COURT: Hi, how are you,	1	Gross deposition within the next
2	Adam?	2	20 to 30 minutes and ready to
3	MR. SLATER: Fine, thanks.	3	proceed and finish up with the
4	How are you?	4	Wicker deposition, which quite
5	The COURT: Good. So we	5	honestly, will not take more than
6	have Adam Slater on the record and	6	an hour.
7	Ms. Crawford.	7	MS. CRAWFORD: If you're
8	MS. CRAWFORD: Kelly	8	prepared for defense's position,
9	Crawford.	9	Judge, just let us know.
10	THE COURT: Okay, good. So	10	THE COURT: Go ahead, Kelly.
11	we have a certified court reporter	11	MS. CRAWFORD: We took Dr.
12	taking down the record?	12	Welsh's deposition. Your Honor
13	MR. MAZIE: Judge, it's Dave	13	will recall at the last case
14	Mazie and Burt Snell.	14	management conference this issue
15	Unfortunately, we only have an	15	came up in connection with the
16	iPhone on speaker. It is next to	16	defendant's pending motion to stay
17	the court reporter, but she's	17	the Wicker specific case
18	going to have some difficulty. So	18	discovery. And we talked
19	everyone needs to keep their	19	specifically at the case
20	voices up. We're at the	20	management conference about the
21	deposition of Dr. Factor.	21	fact that the pathologist
22	THE COURT: So what is the	22	defendant's plaintiff's expert
23	issue?	23	pathologist is going to be deposed
24	MR. SLATER: The issue, your	24	on the 16th before the Court was
25	Honor, is that my partner, Dave	25	going to have an opportunity to

25 (Pages 94 to 97)

	Page 98		Page 100
1		1	
1 2	address that motion. And the Court indicated that we should	1 2	case will be ready. But we're in
3	start with Gross and, you know,	3	New York and ready to take the deposition of Dr. Factor, and it
4	· · · · · · · · · · · · · · · · · · ·	4	will be done.
5	try the finish Gross and if there was time available to move on to	5	
6		6	MS. CRAWFORD: Judge, I
7	Wicker. We did not start Wicker.	7	don't want to get into an issue
	We completed Gross. But it had	1	about that. I started the
8	been our position that we are not	8	deposition on time. We took no
9	prepared now prepared to produce	9	break, except for ten minutes so
10	Dr. Factor and have him deposed on	10	the court reporter can quickly
11	the Wicker until we complete the	11	shovel in something to eat. We
12	Welsh corresponding deposition in	12	were there until 7 o'clock. I
13	Wicker, and that hasn't happened.	13	rushed to try and finish the Gross
14	THE COURT: Welsh would have	14	aspect of the deposition. We do
15	to go before Wicker?	15	have a pending motion on this
16	MS. CRAWFORD: Correct.	16	issue. We are all spinning our
17	THE COURT: Is he before?	17	wheels trying to complete the
18	MS. CRAWFORD: That is our	18	Gross specific discovery in order
19	position, Judge. We will recall	19	to be ready for trial. And Dr.
20	we had made the motion to stay	20	Factor is willing to come back at
21	Wicker's specific case discovery.	21	a later time after we had the
22	We talked or I didn't talk at	22	opportunity to take the Wicker
23	that conference, Mary Ellen was my	23	deposition from Dr. Welsh,
24	mouthpiece because I couldn't	24	assuming that your Honor denies
25	talk about the fact that we had	25	the motion that's pending, which
	Page 99		Page 101
1	that deposition scheduled for	1	is still open.
2	Friday and your Honor was going to	2	THÊ COURT: Okay.
3	try to set up a call for	3	I have had an opportunity to
4	THE COURT: Right.	4	review the motion. I read the
5	MS. CRAWFORD: the week,	5	papers on both sides. It was, I
6	but everything got sort of busy.	6	think, important that both cases
7	MR. SLATER: Your Honor,	7	be prepared and that they be
8	it's Adam Slater. It doesn't	8	jointly prepared, but there comes
9	really make sense to us. Defense	9	a practical point where it simply
10	counsel they took the deposition	10	becomes too much of a burden on
11	they wanted to take. It was a	11	both sides to get ready for a case
12	very long deposition and they	12	that's not going to be the one
13	didn't finish, or they finished	13	that's going at this point.
14	Gross and didn't have time to do	14	I understand Mr. Slater's
15	the Wicker questioning. I don't	15	concern that Wicker would be the
16	know how that impacts us on the	16	back up case. And Ms. Crawford,
17	deposition of Dr. Factor. We just	17	at the last conference, had
18	want to get it done while we're	18	indicated to me that there was
19	here. It's counsel's choice not	19	slim and no chance of a settlement
20	to finish. You know, it turns out	20	offer being made to resolve the
21	it seems like it was a strategy or	21	Gross case prior to trial. And
		<u></u> -	Oross case prior to trial. Allu
	•	22	that unless the defendants the
22	something. We don't really	22	that, unless the defendants the
22 23	something. We don't really understand why, or maybe we do	23	plaintiffs intended to dismiss it,
22	something. We don't really		

26 (Pages 98 to 101)

	Page 102		Page 104
1	an injury or something.	1	Judge.
2	Wicker just got treatment.	2	VIDEOGRAPHER: The time is
3	She needs to have the examination	3	now 4:03. We are back on the
4	and I think it's scheduled, right?	4	record.
5	MR. SLATER: That happened	5	BY MR. MAZIE:
6	yesterday, Judge.	6	Q. Doctor, just so I'm clear,
7	THE COURT: So his report	7	you have no opinion one way or the other
8	should still issue in a timely	8	as to whether this represents degradation
9	fashion. That doesn't take up	9	of the mesh?
10	counsel's time, except maybe to	10	MR. SNELL: Objection to
11	discuss it with him, but it	11	form.
12	doesn't take up significant time.	12	BY MR. MAZIE:
13	So, his the defense report	13	Q. As a natural process of the
14	should issue, the Wicker defense	14	mesh.
15	report, but I'm not going to	15	MR. SNELL: Objection to
16	require that the rest of the	16	form.
17	Wicker discovery take place	17	A. It cannot be determined
18	between now and the trial.	18	whether the changes that are present just
19	If anything happens to the	19	at the edge or the end of that fiber
20	Gross trial, we'll immediately do	20	represent any degree of degradation or
21	the Wicker discovery within a week	21	changes associated with the technical
22	or two and move on to the Wicker	22	processing of the tissue. The remaining
23	trial, but I'm assuming that's not	23	portion of that fiber as seen in the
24	going to be necessary. There does	24	polarized photograph appears to be smooth
25	come a point where it's now the	25	and unremarkable.
	Page 103		Page 105
1	end of the week, it's going to be	1	Q. But you don't have an
2	December. Trial is in January.	2	opinion as to what the cause of what is
3	We have, you know, a holiday week	3	occurring at the end of that, whether
4	in there, at least, simply a	4	it's degradation, naturally occurring or
5	couple different holidays, and I'm	5	something else?
6	not going to require so I'm	6	MR. SNELL: Objection to
7	going to require so I in	7	form.
8		1 '	
	to stop the Wicker discovery	l 8	
1 9	to stop the Wicker discovery	8	A. Correct.
9	pending the outcome of the Gross	9	A. Correct.Q. Let's go to slide number 51,
10	pending the outcome of the Gross case.	9	A. Correct.Q. Let's go to slide number 51,which to make it easier for you is the
10 11	pending the outcome of the Gross case. The only thing that I am	9 10 11	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes.
10 11 12	pending the outcome of the Gross case. The only thing that I am going to require is that the	9 10 11 12	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see
10 11 12 13	pending the outcome of the Gross case. The only thing that I am going to require is that the defense independent medical exam,	9 10 11 12 13	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see mesh fibers here encased in or surrounded
10 11 12 13 14	pending the outcome of the Gross case. The only thing that I am going to require is that the defense independent medical exam, which has been done, that that	9 10 11 12 13 14	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see mesh fibers here encased in or surrounded by fibrosis?
10 11 12 13 14 15	pending the outcome of the Gross case. The only thing that I am going to require is that the defense independent medical exam, which has been done, that that report issue in a timely fashion	9 10 11 12 13 14 15	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see mesh fibers here encased in or surrounded by fibrosis? A. I see mesh fibers with
10 11 12 13 14 15 16	pending the outcome of the Gross case. The only thing that I am going to require is that the defense independent medical exam, which has been done, that that report issue in a timely fashion as scheduled previously. And	9 10 11 12 13 14 15 16	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see mesh fibers here encased in or surrounded by fibrosis? A. I see mesh fibers with fibrosis and I see fibrosis without mesh,
10 11 12 13 14 15 16 17	pending the outcome of the Gross case. The only thing that I am going to require is that the defense independent medical exam, which has been done, that that report issue in a timely fashion as scheduled previously. And then, basically, you will have	9 10 11 12 13 14 15 16 17	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see mesh fibers here encased in or surrounded by fibrosis? A. I see mesh fibers with fibrosis and I see fibrosis without mesh, with spaces that I that are more
10 11 12 13 14 15 16 17	pending the outcome of the Gross case. The only thing that I am going to require is that the defense independent medical exam, which has been done, that that report issue in a timely fashion as scheduled previously. And then, basically, you will have some clean-up depositions to do.	9 10 11 12 13 14 15 16	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see mesh fibers here encased in or surrounded by fibrosis? A. I see mesh fibers with fibrosis and I see fibrosis without mesh, with spaces that I that are more likely than not fat or disruption of the
10 11 12 13 14 15 16 17 18	pending the outcome of the Gross case. The only thing that I am going to require is that the defense independent medical exam, which has been done, that that report issue in a timely fashion as scheduled previously. And then, basically, you will have some clean-up depositions to do. But we can move very quickly to	9 10 11 12 13 14 15 16 17 18	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see mesh fibers here encased in or surrounded by fibrosis? A. I see mesh fibers with fibrosis and I see fibrosis without mesh, with spaces that I that are more likely than not fat or disruption of the tissue in the center and off on the far
10 11 12 13 14 15 16 17 18 19 20	pending the outcome of the Gross case. The only thing that I am going to require is that the defense independent medical exam, which has been done, that that report issue in a timely fashion as scheduled previously. And then, basically, you will have some clean-up depositions to do. But we can move very quickly to Wicker if we needed to. All	9 10 11 12 13 14 15 16 17 18 19 20	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see mesh fibers here encased in or surrounded by fibrosis? A. I see mesh fibers with fibrosis and I see fibrosis without mesh, with spaces that I that are more likely than not fat or disruption of the tissue in the center and off on the far right, but certainly the ones in the
10 11 12 13 14 15 16 17 18 19 20 21	pending the outcome of the Gross case. The only thing that I am going to require is that the defense independent medical exam, which has been done, that that report issue in a timely fashion as scheduled previously. And then, basically, you will have some clean-up depositions to do. But we can move very quickly to Wicker if we needed to. All right?	9 10 11 12 13 14 15 16 17 18	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see mesh fibers here encased in or surrounded by fibrosis? A. I see mesh fibers with fibrosis and I see fibrosis without mesh, with spaces that I that are more likely than not fat or disruption of the tissue in the center and off on the far right, but certainly the ones in the center are not mesh, but there is fibrous
10 11 12 13 14 15 16 17 18 19 20 21 22	pending the outcome of the Gross case. The only thing that I am going to require is that the defense independent medical exam, which has been done, that that report issue in a timely fashion as scheduled previously. And then, basically, you will have some clean-up depositions to do. But we can move very quickly to Wicker if we needed to. All right? MR. MAZIE: Thank you, your	9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see mesh fibers here encased in or surrounded by fibrosis? A. I see mesh fibers with fibrosis and I see fibrosis without mesh, with spaces that I that are more likely than not fat or disruption of the tissue in the center and off on the far right, but certainly the ones in the center are not mesh, but there is fibrous around it.
10 11 12 13 14 15 16 17 18 19 20 21	pending the outcome of the Gross case. The only thing that I am going to require is that the defense independent medical exam, which has been done, that that report issue in a timely fashion as scheduled previously. And then, basically, you will have some clean-up depositions to do. But we can move very quickly to Wicker if we needed to. All right?	9 10 11 12 13 14 15 16 17 18 19 20 21	A. Correct. Q. Let's go to slide number 51, which to make it easier for you is the 5th from the end. Yes. Fair to say that you see mesh fibers here encased in or surrounded by fibrosis? A. I see mesh fibers with fibrosis and I see fibrosis without mesh, with spaces that I that are more likely than not fat or disruption of the tissue in the center and off on the far right, but certainly the ones in the center are not mesh, but there is fibrous

27 (Pages 102 to 105)

	Page 106		Page 108
1	fibers. There are a few tears in the	1	process.
2	tissue above the mesh on both sides and	2	Q. Do you see any inflammation
3	there is fibrosis around those fibers.	3	on that slide?
4	Q. As you sit here today, you	4	A. I described the
5	cannot tell us specifically what caused	5	inflammation. There's macrophages and
6	the fibrosis surrounding these mesh	6	there may be a few lymphocytes scattered
7	fibers?	7	around, but the predominant cells are
8	MR. SNELL: Objection to	8	macrophages.
9	form.	9	Q. Put this grouping aside.
10	A. I've answered the question	10	And let's go to Welsh 14, and ask you to
11		11	
12	before that the fibrosis is part of the	12	go these are numbered, so that will
	surgical repair process.	13	make it easier.
13	Q. But you can't tell us	1	MR. SNELL: Do you by chance
14	whether it's the actual surgery as an	14	have a copy?
15	insult to the tissue versus a cause	15	MR. MAZIE: No.
16	instead by the mesh fibers themselves	16	MR. SNELL: I'm just going
17	reacting with the tissue?	17	to look over.
18	MR. SNELL: Object to form.	18	BY MR. MAZIE:
19	A. The fact that the fibrosis	19	Q. Doctor, go to 62. What do
20	is present in this field as well as in	20	you see there?
21	many other fields without any mesh fibers	21	MR. SNELL: Objection to
22	immediately associated with it would	22	form.
23	argue that this is a process of surgical	23	A. I see a central area which
24	repair.	24	appears to be it's not forming a true
25	Q. What about in the areas that	25	granuloma, but it appears to be a
	Page 107		Page 109
1	immediately adjacent to the mesh fibers?	1	granulomatis-type process with even at
2	A. It's the same fibrosis. So	2	the low power, I think spindle cells,
3	one can't as I pointed out earlier,	3	fiberglass and what happens to be
4	one can't easily discriminate between	4	hemosiderin and inflammatory cells.
5	fibrosis associated with repair versus	5	There's a space running vertically or
6	fibrosis associated with mesh.	6	relatively vertically which appears to be
7	Q. Can or can't?	7	a blood vessel, but I'm not entirely
8	A. Cannot.	8	sure. Portions of it appear to be blood
9	Q. Let's go to the second to	9	vessel.
10	last slide, which is number 53. I'm	10	Q. Do you see in is there,
11	sorry, third to the last slide. The one	11	also, fibrosis?
12	with the hemosiderin in the middle.	12	A. There's fibrous tissue
13		13	around the central area of inflammation
14		14	
15	Q. What do you see here, Doctor?	15	and hemosiderin.
		1	Q. Let's jump to number 70.
16	A. I see fibrosis, some, I	16	It's fair to say this slide shows chronic
17	believe, small blood vessels cut	17	inflammation?
1.0	1 1/ 11 1 T		NID SINHLLY (Ibioction to
18	longitudinally and I see multiple	18	MR. SNELL: Objection to
19	hemosiderin deposits and macrophage.	19	form.
19 20	hemosiderin deposits and macrophage. Q. Does this slide demonstrate	19 20	form. A. It's a terrible picture and
19 20 21	hemosiderin deposits and macrophage. Q. Does this slide demonstrate chronic injury?	19 20 21	form. A. It's a terrible picture and it's difficult to make out, but there are
19 20 21 22	hemosiderin deposits and macrophage. Q. Does this slide demonstrate chronic injury? A. It demonstrates injury with	19 20 21 22	form. A. It's a terrible picture and it's difficult to make out, but there are what appears to be giant cells, some of
19 20 21 22 23	hemosiderin deposits and macrophage. Q. Does this slide demonstrate chronic injury? A. It demonstrates injury with chronicity because the collagen is mature	19 20 21 22 23	form. A. It's a terrible picture and it's difficult to make out, but there are what appears to be giant cells, some of them are multinucleated and lymphocytes
19 20 21 22	hemosiderin deposits and macrophage. Q. Does this slide demonstrate chronic injury? A. It demonstrates injury with	19 20 21 22	form. A. It's a terrible picture and it's difficult to make out, but there are what appears to be giant cells, some of

28 (Pages 106 to 109)

	Page 110		Page 112
1	make out on this exposure. It appears	1	Q. It shows
2	that they have hemosiderin within them or	2	A. Lower magnification.
3	near them.	3	Q. Number 73 shows chronic
4	Q. Do you see any mesh?	4	inflammation?
5	A. No.	5	A. Yes.
6	Q. The amount of inflammation	6	Q. It shows scarring?
7	you see here, is that something you would	7	A. It shows fibrous tissue,
8	expect from a normal surgical process	8	yes.
9	without a foreign body?	9	Q. Does it show nerve?
10	MR. SNELL: Objection to	10	A. It shows a longitudinal
11	form.	11	segment of myelinated nerve.
12	A. If this is an area that has	12	Q. Is there mesh fiber shown?
13	had extensive bleeding and disruption,	13	A. There are spaces, but I
14	this is a normal response. There,	14	don't believe those are mesh spaces.
15	obviously, has been bleeding because	15	Q. Why not?
16	there's hemosiderin throughout the	16	A. Because I believe they're
17	tissue. It's hard to make out the full	17	too small. I believe that's fat.
18	extent of this process from this view and	18	Q. When you say they're too
19	from the exposure.	19	small, again, you don't whether or not
20	Q. Let's go to the next one,	20	the mesh fibers themselves squeeze or
21	number 71. Can you interpret for me the	21	contract?
22	cluster of dark cells in the pink area?	22	MR. SNELL: Objection.
23	A. There are	23	A. They don't change their
24	MR. SNELL: I object to the	24	diameter overall and all the spaces that
25	form. Are you any particular	25	we have seen which have mesh are much
	Page 111		Page 113
1	place you're referencing?	1	large than those three spaces that we see
2	MR. MAZIE: There are dark	2	adjacent to the nerve.
3	cells. I think he understands	3	Q. Why don't you think they
4	what I'm asking. There's an	4	change their overall diameter?
5	accumulation of the dark cells in	5	A. Because I see no evidence of
6	the middle to left of the center.	6	it. The spaces are relatively the same
7	THE WITNESS: There are	7	size or the fibers that one can see with
8	lymphocytes or they appear to be	8	light microscopy, H&E, light microscopy
9	lymphocytes. There may be	9	and with polarization show fibers that
10	monocytes in there. It's hard to	10	are of a similar size.
11	see whether or not there are	11	Q. You're basing your opinion
12	macrophages, I think there are a	12	on the 18 or so slides that you've looked
13		13	at?
14	few. There are there's, at		
	least, one vessel, possibly	14	MR. SNELL: Object to the
15	least, one vessel, possibly represents the same vessel, cut in	14 15	MR. SNELL: Object to the form.
15 16	least, one vessel, possibly represents the same vessel, cut in several planes, but there are	14 15 16	MR. SNELL: Object to the form. A. Yes.
15 16 17	least, one vessel, possibly represents the same vessel, cut in several planes, but there are vessels adjacent to this cluster	14 15 16 17	MR. SNELL: Object to the form. A. Yes. Q. Okay. You don't know
15 16 17 18	least, one vessel, possibly represents the same vessel, cut in several planes, but there are vessels adjacent to this cluster of inflammatory cells.	14 15 16 17 18	MR. SNELL: Object to the form. A. Yes. Q. Okay. You don't know whether and to what extent the mesh
15 16 17 18 19	least, one vessel, possibly represents the same vessel, cut in several planes, but there are vessels adjacent to this cluster of inflammatory cells. BY MR. MAZIE:	14 15 16 17 18 19	MR. SNELL: Object to the form. A. Yes. Q. Okay. You don't know whether and to what extent the mesh fibers contract because you haven't seen
15 16 17 18 19 20	least, one vessel, possibly represents the same vessel, cut in several planes, but there are vessels adjacent to this cluster of inflammatory cells. BY MR. MAZIE: Q. Let's go to 73, Doctor.	14 15 16 17 18 19 20	MR. SNELL: Object to the form. A. Yes. Q. Okay. You don't know whether and to what extent the mesh fibers contract because you haven't seen most of the mesh fibers within Linda
15 16 17 18 19 20 21	least, one vessel, possibly represents the same vessel, cut in several planes, but there are vessels adjacent to this cluster of inflammatory cells. BY MR. MAZIE: Q. Let's go to 73, Doctor. A. 73.	14 15 16 17 18 19 20 21	MR. SNELL: Object to the form. A. Yes. Q. Okay. You don't know whether and to what extent the mesh fibers contract because you haven't seen most of the mesh fibers within Linda Gross' body or pulled out of her body,
15 16 17 18 19 20 21 22	least, one vessel, possibly represents the same vessel, cut in several planes, but there are vessels adjacent to this cluster of inflammatory cells. BY MR. MAZIE: Q. Let's go to 73, Doctor. A. 73. Q. Yes. Doctor, do you see	14 15 16 17 18 19 20 21 22	MR. SNELL: Object to the form. A. Yes. Q. Okay. You don't know whether and to what extent the mesh fibers contract because you haven't seen most of the mesh fibers within Linda Gross' body or pulled out of her body, correct?
15 16 17 18 19 20 21 22 23	least, one vessel, possibly represents the same vessel, cut in several planes, but there are vessels adjacent to this cluster of inflammatory cells. BY MR. MAZIE: Q. Let's go to 73, Doctor. A. 73. Q. Yes. Doctor, do you see chronic inflammation on the this slides?	14 15 16 17 18 19 20 21 22 23	MR. SNELL: Object to the form. A. Yes. Q. Okay. You don't know whether and to what extent the mesh fibers contract because you haven't seen most of the mesh fibers within Linda Gross' body or pulled out of her body, correct? MR. SNELL: Objection to
15 16 17 18 19 20 21 22	least, one vessel, possibly represents the same vessel, cut in several planes, but there are vessels adjacent to this cluster of inflammatory cells. BY MR. MAZIE: Q. Let's go to 73, Doctor. A. 73. Q. Yes. Doctor, do you see	14 15 16 17 18 19 20 21 22	MR. SNELL: Object to the form. A. Yes. Q. Okay. You don't know whether and to what extent the mesh fibers contract because you haven't seen most of the mesh fibers within Linda Gross' body or pulled out of her body, correct?

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	Page 114		Page 116
1	pulled out of her body. It's is	1	form.
2	irrelevant what I haven't seen. What I	2	A. Again, I don't know that
3	have seen is clear that the mesh fibers	3	that indicates or that implies that the
4	show no evidence of retraction or	4	mesh has an active process of contraction
5	contraction. The spaces are enlarged.	5	independent of what is going on in its
6	Some are larger than one would	6	implantation site and that's not the
7	anticipate, but that is a technical	7	case. The mesh is implanted in the
8	artifact of dragging with spaces and	8	tissue. It elicits an inflammatory and
9	disrupting the fibers. These spaces that	9	fibrous reaction and that fibrous
10	are off to the right, at least from this	10	reaction retraction contracts. I have no
11	view, and, obviously, this is showing the	11	evidence that the mesh itself is an
12	whole field, I do not believe are mesh,	12	active participant in that process.
13	nor is there any mesh evidence with any	13	Q. I understand that. I think
14	mesh fiber that I can see at this	14	we're saying the same thing. So once the
15	magnification within those spaces.	15	mesh is implanted, it interacts with the
16	Q. Doctor, you understand that	16	female tissue; correct?
17	there is clear testimony from both sides	17	A. Well, it interacts with the
18	that the mesh contracts within the female	18	fibrous tissue that's part of the healing
19	body? Do you know that?	19	process.
20	A. Well, there's contraction of	20	<u> </u>
21	scar tissue or fibrous tissue which is	21	Q. And then that fibrous tissue causes the mesh itself to contract in
22		22	
23	recognized with any scar. All scars will	23	size; correct?
24	retract to some degree. Fibrous tissue,	24	MR. SNELL: Objection.
25	and obviously when one cuts the skin,	25	A. Potentially, yes.
25	gets a scar. One knows that scars	∠5	Q. Page 75, last one on this.
	Page 115		Page 117
1	retract or fibrous tissue retract. So	1	Doctor, you see a nerve there?
2	that's not unusual. It's not unique. It	2	A. There's a nerve cut across
3	has nothing to do specifically with the	3	by the whatever that disruption is in
4	mesh. Its the natural property of the	4	the picture. But, yes, there's a nerve.
5	fibrous tissue.	5	Q. And there's chronic
6	Q. Listen my question.	6	inflammation near the nerve?
7	A. I did.	7	A. There's chronic inflammation
8	Q. You understand that it's	8	near the nerve, but it's associated with
9	undisputed that the mesh contracts.	9	fat.
10	MR. SNELL: I object to the	10	Q. Do you see any fibers, mesh
11	form. That's actually a	11	fibers?
12	misrepresentation.	12	A. I do not know what is off to
13	A. I don't know that that's the	13	the far left. I don't believe it is, but
14	case. It is since the mesh is	14	it possibly could be, but all the
15	enveloped or surrounded by fibrous tissue	15	remaining spaces are fat tissue, both
16	that extends through the mesh pores, the	16	above the nerve and below the nerve.
17	process of retraction or contraction is	17	Q. In order to have pain, is it
18	potentially only due to the fibrous	18	your position you have to have neuritis?
19	tissue healing.	19	A. You either have to have
20	Q. Either way, whether it's the	20	neuritis or evidence of disruption,
21	fibrous tissue causing the contraction or	21	damage to the nerve fiber. Whether the
22	the mesh itself causing the contraction,	22	surrounding of nerves by fibrous tissue
23	you understand that the mesh once	23	is sufficient to produce pain is
24	implanted contracts, correct?	24	unknowable. There is potential for
25	MR. SNELL: Objection to	25	secretion of irritant materials that

30 (Pages 114 to 117)

	Page 118		Page 120
1	could lead to pain, but there's	1	look at number 8, and look at number 3 on
2	absolutely no way biologically to	2	this. Do you see a nerve there?
3	determine any one nerve or any group of	3	A. I do.
4	nerves is the source of a particular pain	4	Q. Is it normal or degenerated?
5	* *	5	A. It looks partially torn.
6	when you are dealing with nerves of the size. The absence of inflammation, the	6	The portion of it that appears to be
7	absence of neuroma formation with the	7	unaffected off to the center towards the
8	exception of that one that I mentioned	8	left appears normal. It looks like there
9	earlier, is a normal response of nerves	9	is some disruption of the nerve possibly
10		10	
11	in tissue that is undergoing fibrosis and	11	by a sectioning. Q. You can't tell us within a
12	some degree of inflammation.	12	
	Q. Just so we're clear, you	13	reasonable degree of medical probability
13	can't tell one way or the other whether	1	as to what disrupted this nerve?
14	fibrosis is causing a nerve to cause	14	MR. SNELL: Objection to
15	pain?	15	form.
16	A. Nobody can.	16	A. Well, since only a portion
17	Q. Okay. All right. Put that	17	of it is affected and there's no
18	one away. Let's see what else we have	18	inflammation associated with it and no
19	here.	19	difference in the fibrosis that's around
20	Number 12. Welsh 12, I will	20	it, I believe it's due to the sectioning.
21	ask you to look at a couple of slides	21	Q. Doctor, what is around the
22	here. Number 36, which is the second	22	fibrous?
23	slide, what do you see there?	23	A. Fibrous tissue and a few
24	A. I see.	24	inflammatory cells.
25	MR. SNELL: Objection to	25	Q. Is there some collagen as
	Page 119		Page 121
1	form.	1	well?
2	A. I see a nerve that's been, I	2	A. That's fibrous tissue.
3	assume, inked or surrounded by ink that	3	Collagen is fibrous tissue.
4	looks to be irregular and surrounded by	4	Q. Let's go to number 4. Does
5	fibrous tissue.	5	this show a damaged or dying nerve
6	Q. And go to number 47, please.	-	THIS SHOW A HATHAYED OF UVINY HELVE
7		6	
/		6 7	surrounded by collagen?
	A. 47, you said?	7	surrounded by collagen? MR. SNELL: Objection to
8	A. 47, you said?Q. 47. Do you see a nerve	7 8	surrounded by collagen? MR. SNELL: Objection to form.
8 9	A. 47, you said? Q. 47. Do you see a nerve there?	7 8 9	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not
8 9 10	A. 47, you said?Q. 47. Do you see a nerve there?A. There are nerves or there	7 8 9 10	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying.
8 9 10 11	 A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. 	7 8 9 10 11	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see?
8 9 10 11 12	 A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the 	7 8 9 10 11 12	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three
8 9 10 11 12 13	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field.	7 8 9 10 11 12 13	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different
8 9 10 11 12 13 14	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field. Q. Okay. Can you tell whether	7 8 9 10 11 12 13 14	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different planes.
8 9 10 11 12 13 14 15	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field. Q. Okay. Can you tell whether the nerve itself is degenerated?	7 8 9 10 11 12 13 14 15	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different planes. Q. Can you tell whether or not
8 9 10 11 12 13 14 15	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field. Q. Okay. Can you tell whether the nerve itself is degenerated? A. The nerve that I see off to	7 8 9 10 11 12 13 14 15	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different planes. Q. Can you tell whether or not the nerve itself is degenerated?
8 9 10 11 12 13 14 15 16 17	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field. Q. Okay. Can you tell whether the nerve itself is degenerated? A. The nerve that I see off to the right is not. I don't know what the	7 8 9 10 11 12 13 14 15 16 17	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different planes. Q. Can you tell whether or not the nerve itself is degenerated? A. It does not look
8 9 10 11 12 13 14 15 16 17	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field. Q. Okay. Can you tell whether the nerve itself is degenerated? A. The nerve that I see off to the right is not. I don't know what the remaining tissue is.	7 8 9 10 11 12 13 14 15 16 17	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different planes. Q. Can you tell whether or not the nerve itself is degenerated? A. It does not look degenerated.
8 9 10 11 12 13 14 15 16 17 18	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field. Q. Okay. Can you tell whether the nerve itself is degenerated? A. The nerve that I see off to the right is not. I don't know what the remaining tissue is. Q. Is the nerve itself imbedded	7 8 9 10 11 12 13 14 15 16 17 18	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different planes. Q. Can you tell whether or not the nerve itself is degenerated? A. It does not look degenerated. Q. Turn to number 5. Do you
8 9 10 11 12 13 14 15 16 17 18 19 20	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field. Q. Okay. Can you tell whether the nerve itself is degenerated? A. The nerve that I see off to the right is not. I don't know what the remaining tissue is. Q. Is the nerve itself imbedded in the fibrosis, the one you see?	7 8 9 10 11 12 13 14 15 16 17 18 19 20	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different planes. Q. Can you tell whether or not the nerve itself is degenerated? A. It does not look degenerated. Q. Turn to number 5. Do you see a nerve there?
8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field. Q. Okay. Can you tell whether the nerve itself is degenerated? A. The nerve that I see off to the right is not. I don't know what the remaining tissue is. Q. Is the nerve itself imbedded in the fibrosis, the one you see? A. Well, there's a space around	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different planes. Q. Can you tell whether or not the nerve itself is degenerated? A. It does not look degenerated. Q. Turn to number 5. Do you see a nerve there? A. It's the same nerve, I
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field. Q. Okay. Can you tell whether the nerve itself is degenerated? A. The nerve that I see off to the right is not. I don't know what the remaining tissue is. Q. Is the nerve itself imbedded in the fibrosis, the one you see? A. Well, there's a space around the nerve, but that's probably	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different planes. Q. Can you tell whether or not the nerve itself is degenerated? A. It does not look degenerated. Q. Turn to number 5. Do you see a nerve there? A. It's the same nerve, I believe.
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field. Q. Okay. Can you tell whether the nerve itself is degenerated? A. The nerve that I see off to the right is not. I don't know what the remaining tissue is. Q. Is the nerve itself imbedded in the fibrosis, the one you see? A. Well, there's a space around the nerve, but that's probably retraction. So, yes, the nerve is	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different planes. Q. Can you tell whether or not the nerve itself is degenerated? A. It does not look degenerated. Q. Turn to number 5. Do you see a nerve there? A. It's the same nerve, I believe. Q. And can you tell whether
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. 47, you said? Q. 47. Do you see a nerve there? A. There are nerves or there is, at least, one nerve off to the right. I don't know what the tissue is in the center of the field. Q. Okay. Can you tell whether the nerve itself is degenerated? A. The nerve that I see off to the right is not. I don't know what the remaining tissue is. Q. Is the nerve itself imbedded in the fibrosis, the one you see? A. Well, there's a space around the nerve, but that's probably	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	surrounded by collagen? MR. SNELL: Objection to form. A. It shows a nerve. It's not damaged or dying. Q. What do you see? A. I see a nerve in three different planes, or two different planes. Q. Can you tell whether or not the nerve itself is degenerated? A. It does not look degenerated. Q. Turn to number 5. Do you see a nerve there? A. It's the same nerve, I believe.

31 (Pages 118 to 121)

	Page 122		Page 124
1	high magnification, so it's not	1	MR. SNELL: So the record
2	degenerated on this, either. It, also,	2	MR. MAZIE: I'm going to do
3	shows that there's multiple technical	3	it right now.
4	artifacts in the tissue immediately	4	BY MR. MAZIE:
5	around the nerve.	5	Q. The ones you say are
6	Q. Number 13, do you see the	6	vessels, there are three circles to the
7	nerve?	7	right and it's the middle one?
8	A. There are three nerves.	8	A. The middle one is a vessel,
9		9	•
	Q. Is there fibrous tissue	1	but even that is not appropriately cut
10	surrounding the nerves?	10	across in such a way that it can be
11	A. Above the nerve, there is	11	evaluated. The one to the
12	fibrous tissue and tearing. And below	12	Q. Left?
13	the nerve, there is fat necrosis.	13	A to the upper left is
14	Q. Which nerve are you	14	longitudinal or oblique and it, too,
15	referring to, the one on the right?	15	shows smudginess of the lining, the
16	A. I'm referring to all three	16	endothelium and cannot be adequately
17	of the nerves that run, more or less,	17	assessed.
18	through the center of the field.	18	Q. And that drawing, just so
19	Q. Turn to number 14. Can you	19	we're clear, is the upper left shaped
20	identify for us the circled vessels?	20	like a pickle?
21	A. Can I identify them?	21	A. Or other structures, yes.
22	Q. Yes.	22	Q. The surrounding tissue,
23	A. One of them is a vessel.	23	especially in particular in the bottom
24	The other or two of them are vessels.	24	left quadrant, do we see collagen and
25	The other are damaged by sectioning.	25	fibroblast?
	Page 123		Page 125
1	They're tangential and the tissue is not	1	A. I believe there is collagen
2	easily seen and, actually, even the other	2	and there appears to be fibroblast.
3	two have the same problem. There's a	3	Q. Let's go to number 15. Do
4	tangential sectioning, the two vessels	4	you see a damaged vessel there?
5	that I believe I can recognize in the	5	A. It's very difficult to
6	right center and upper portion.	6	make I mean, I believe there's a
7	Q. So the first on the upper	7	vessel in the center that's been circled.
8	right and the one right below it?	8	Again, it's longitudinal. It's not a
9	-	9	nice cross-section. So it's difficult to
10	A. Not the upper right. That one is not cannot be evaluated because	10	
		11	make sense out of it. The lower portion of it is out of focus. So it's hard to
11 12	of its tangential sectioning and destruction of the tissue.	12	
			know what to make of this.
13	LI LAD VOII DOINT /	13	Q. Okay. Let me show you the
		1 /	
14	A. This one.	14	last set which is 10. Let's go to number
15	A. This one.Q. That one cannot be?	15	last set which is 10. Let's go to number 4. Is there any info strike that.
15 16	A. This one.Q. That one cannot be?A. No.	15 16	last set which is 10. Let's go to number 4. Is there any info strike that. Is there any information
15 16 17	A. This one.Q. That one cannot be?A. No.Q. So which one	15 16 17	last set which is 10. Let's go to number 4. Is there any info strike that. Is there any information here as to the pore size in vivo?
15 16 17 18	A. This one.Q. That one cannot be?A. No.Q. So which oneA. So this one is a vessel and	15 16 17 18	last set which is 10. Let's go to number 4. Is there any info strike that. Is there any information here as to the pore size in vivo? MR. SNELL: Objection to
15 16 17 18 19	 A. This one. Q. That one cannot be? A. No. Q. So which one A. So this one is a vessel and this one is a vessel, both of them 	15 16 17 18 19	last set which is 10. Let's go to number 4. Is there any info strike that. Is there any information here as to the pore size in vivo? MR. SNELL: Objection to form.
15 16 17 18 19 20	 A. This one. Q. That one cannot be? A. No. Q. So which one A. So this one is a vessel and this one is a vessel, both of them because of the smudginess of the inner 	15 16 17 18 19 20	last set which is 10. Let's go to number 4. Is there any info strike that. Is there any information here as to the pore size in vivo? MR. SNELL: Objection to form. A. No. One can't measure the
15 16 17 18 19 20 21	 A. This one. Q. That one cannot be? A. No. Q. So which one A. So this one is a vessel and this one is a vessel, both of them because of the smudginess of the inner lining, they're not cut appropriately 	15 16 17 18 19 20 21	last set which is 10. Let's go to number 4. Is there any info strike that. Is there any information here as to the pore size in vivo? MR. SNELL: Objection to form. A. No. One can't measure the pore size in fields like this. I mean,
15 16 17 18 19 20 21 22	A. This one. Q. That one cannot be? A. No. Q. So which one A. So this one is a vessel and this one is a vessel, both of them because of the smudginess of the inner lining, they're not cut appropriately across, so they're difficult to evaluate.	15 16 17 18 19 20 21 22	last set which is 10. Let's go to number 4. Is there any info strike that. Is there any information here as to the pore size in vivo? MR. SNELL: Objection to form. A. No. One can't measure the pore size in fields like this. I mean, one can approximate it because the
15 16 17 18 19 20 21	 A. This one. Q. That one cannot be? A. No. Q. So which one A. So this one is a vessel and this one is a vessel, both of them because of the smudginess of the inner lining, they're not cut appropriately 	15 16 17 18 19 20 21 22 23	last set which is 10. Let's go to number 4. Is there any info strike that. Is there any information here as to the pore size in vivo? MR. SNELL: Objection to form. A. No. One can't measure the pore size in fields like this. I mean,
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32 (Pages 122 to 125)

	Page 126		Page 128
1	Q. Can you approximate the size	1	little bit off to the left and a little
2	of those pores?	2	bit off to the right.
3	A. Not without a micrometer or	3	Q. Is the chronic inflammation
4	ruler, no.	4	adjacent to mesh fibers?
5	Q. We're here at your	5	A. It's in the general vicinity
6	deposition. You are not, as to this	6	of mesh fibers, yes, but not directly
7	point, rendering any opinion on the size	7	associated with it.
8	of any of the pores?	8	Q. Can you tell one way or the
9	MR. SNELL: Objection.	9	other whether the mesh fibers incited any
10	A. Correct.	10	of the chronic inflammation shown on this
11	Q. Next one, number 5, is it	11	slide?
12	fair to say that on this polarized slide,	12	A. It's part of the process of
13	the white is the mesh that's remaining	13	fibrosis and mesh placement. I'm sure
14	within this sample?	14	the mesh has some relationship to it, but
15	A. The few fibers, yes, or	15	it's not an obvious one.
16	fragments of mesh that are in the sample.	16	Q. Do you see any lymphocytes?
17	Q. Number 6, is that all mesh?	17	A. I believe this micro this
18	MR. SNELL: Objection to	18	power, which is a low power, the small
19	form.	19	cells are more likely than not
20	MR. MAZIE: Strike that.	20	lymphocytes.
21	BY MR. MAZIE:	21	Q. Okay. You can put that
22	Q. Do you see mesh on this?	22	away. Let me see if I have anything else
23	A. Well, I don't	23	for you.
24	specifically I see some spaces that I	24	Doctor, do you have an
25	believe are mesh, some of the spaces	25	opinion as to whether or not the mesh
	Page 127		Page 129
1	appear to be tearing of the tissue. I'm	1	itself migrates or moves?
2	not quite sure what several of the other	2	A. I don't have an opinion.
3	spaces are. They may be vessels in here.	3	MR. MAZIE: That's all I
4	It's difficult to tell.	4	have. Thank you.
5	Q. Let's go to the next slide,	5	THE WITNESS: Okay. Thank
6	which is polarization. The white stuff,	6	you.
7	is that all mesh?	7	MR. SNELL: I have a couple
8	A. Yes.	8	quick ones.
9	Q. Let's go to number 10. This	9	
10	slides shows hemosiderin?	10	EXAMINATION
11	A. This slide shows hemosiderin	11	
12	and some lymphocytes and a few	12	BY MR. SNELL:
13	macrophage.	13	Q. Did you see any evidence of
14	Q. What is shown in the lower	14	of degradation?
15	quadrant there, lower right quadrant?	15	A. No.
16	A. Fibrous tissue.	16	Q. Plaintiff's counsel asked
17	Q. Is there mesh within it?	17	you some questions about the inflammatory
18	A. There's one space that	18	state and chronic inflammation. Do you,
19 20	appears to be a complete mesh fibrous	19	in general, recall those questions?
1 70	space and another that is an incomplete	20 21	A. In general, yes.
			Q. What do you consider to be
21	space.		
21 22	Q. Let's go to number 12. Does	22	chronic inflammation?
21 22 23	Q. Let's go to number 12. Does this slide show chronic inflammation?	22 23	chronic inflammation? A. Again, it comes back to what
21 22	Q. Let's go to number 12. Does	22	chronic inflammation?

33 (Pages 126 to 129)

	Page 130		Page 132
1	that are predominantly lymphocytes,	1	further scarring often in areas distant
2	monocytes, macrophages and giant cells,	2	from mesh fibers. The entrapment of some
3	but there's, also, a temporal component	3	nerves and the sclerosis of blood vessels
4	and that is, as tissue injury heals,	4	was a result of surgical manipulation of
5	there are inflammatory cells that are	5	the tissues and cannot be linked to
6	associated with the healing process and	6	speculative and biologically unsupported
7	they, then, persist in the tissue to	7	effects of the mesh."
8	varying degrees.	8	That's what you wrote?
9	Q. And I believe you identified	9	A. Yes, I did.
10	that Mrs. Gross had chronic inflammation	10	Q. Is that your opinion today
11	associated with factors other than mesh,	11	as well?
12	is that correct or not?	12	A. It is.
13	A. There were chronic	13	MR. SNELL: That's all I
14	inflammatory cells in a number of	14	have. Thank you.
15	different areas of her tissues associated	15	MR. MAŽIE: Okay.
16	with hemosiderin deposition and and/or	16	VIDEOGRAPHER: The time is
17	fat necrosis.	17	now 4:38. This is the end of disk
18	Q. Has any of the pictures that	18	two. This completes today's
19	plaintiffs have showed you today changed	19	deposition.
20	any of the opinions that you submitted in	20	
21	your written report in the Gross case?	21	(Whereupon, the videotaped
22	A. No.	22	deposition concluded at 4:38
23	Q. Do you hold all those	23	p.m.)
24	opinions, including the opinions today,	24	
25	to a reasonable degree of medical	25	
	Page 131		Page 133
1	certainty?	1	CERTIFICATE
2	A. I do.	2	A MED ED W. GED THEW I
3	Q. If I asked questions about		
		۱ ء	I HEREBY CERTIFY that the
4	the degree of inflammation and Mrs.	3	witness was duly sworn by me and that the
5		3 4	witness was duly sworn by me and that the deposition is a true record of the
5 6	the degree of inflammation and Mrs.	4 5	witness was duly sworn by me and that the
5 6 7	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render	4 5 6	witness was duly sworn by me and that the deposition is a true record of the
5 6 7 8	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on	4 5 6 7	witness was duly sworn by me and that the deposition is a true record of the
5 6 7 8 9	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render such opinions on the nature of her inflammatory state?	4 5 6	witness was duly sworn by me and that the deposition is a true record of the
5 6 7 8	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render such opinions on the nature of her	4 5 6 7 8	witness was duly sworn by me and that the deposition is a true record of the testimony given by the witness.
5 6 7 8 9 10 11	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render such opinions on the nature of her inflammatory state? MR. MAZIE: Objection as to form.	4 5 6 7	witness was duly sworn by me and that the deposition is a true record of the
5 6 7 8 9 10 11	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render such opinions on the nature of her inflammatory state? MR. MAZIE: Objection as to form. A. Yes.	4 5 6 7 8 9	witness was duly sworn by me and that the deposition is a true record of the testimony given by the witness. Margaret Peoples, RPR
5 6 7 8 9 10 11 12	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render such opinions on the nature of her inflammatory state? MR. MAZIE: Objection as to form. A. Yes. Q. In your report at page 5,	4 5 6 7 8 9	witness was duly sworn by me and that the deposition is a true record of the testimony given by the witness. Margaret Peoples, RPR
5 6 7 8 9 10 11 12 13 14	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render such opinions on the nature of her inflammatory state? MR. MAZIE: Objection as to form. A. Yes. Q. In your report at page 5, you state that the inflammatory	4 5 6 7 8 9 10 11 12	witness was duly sworn by me and that the deposition is a true record of the testimony given by the witness. Margaret Peoples, RPR
5 6 7 8 9 10 11 12 13 14 15	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render such opinions on the nature of her inflammatory state? MR. MAZIE: Objection as to form. A. Yes. Q. In your report at page 5, you state that the inflammatory changes on the third paragraph below,	4 5 6 7 8 9 10 11 12 13	witness was duly sworn by me and that the deposition is a true record of the testimony given by the witness. Margaret Peoples, RPR
5 6 7 8 9 10 11 12 13 14 15 16	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render such opinions on the nature of her inflammatory state? MR. MAZIE: Objection as to form. A. Yes. Q. In your report at page 5, you state that the inflammatory changes on the third paragraph below, "the inflammatory changes were not	4 5 6 7 8 9 10 11 12	witness was duly sworn by me and that the deposition is a true record of the testimony given by the witness. Margaret Peoples, RPR
5 6 7 8 9 10 11 12 13 14 15 16 17	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render such opinions on the nature of her inflammatory state? MR. MAZIE: Objection as to form. A. Yes. Q. In your report at page 5, you state that the inflammatory changes on the third paragraph below, "the inflammatory changes were not significant and they were highly	4 5 6 7 8 9 10 11 12 13 14 15 16	witness was duly sworn by me and that the deposition is a true record of the testimony given by the witness. Margaret Peoples, RPR
5 6 7 8 9 10 11 12 13 14 15 16 17 18	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render such opinions on the nature of her inflammatory state? MR. MAZIE: Objection as to form. A. Yes. Q. In your report at page 5, you state that the inflammatory changes on the third paragraph below, "the inflammatory changes were not significant and they were highly variable."	4 5 6 7 8 9 10 11 12 13 14 15 16 17	witness was duly sworn by me and that the deposition is a true record of the testimony given by the witness. Margaret Peoples, RPR
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5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	the degree of inflammation and Mrs. Gross' inflammatory state, beyond the beyond what was specifically seen on certain slides, will you, indeed, render such opinions on the nature of her inflammatory state? MR. MAZIE: Objection as to form. A. Yes. Q. In your report at page 5, you state that the inflammatory changes on the third paragraph below, "the inflammatory changes were not significant and they were highly variable." A. Yes. Q. That's an opinion you hold today? A. Yes.	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	witness was duly sworn by me and that the deposition is a true record of the testimony given by the witness. Margaret Peoples, RPR Dated: November 27,2012 (The foregoing certification of this transcript does not apply to any reproduction of the same by any means, unless under the direct control and/or

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1	INSTRUCTIONS TO WITNESS	1 ACKNOWLEDGMENT OF DEPONENT
2	Please read your deposition over	2 I,, do
3	carefully and make any necessary changes.	3 hereby certify that I have read the
4	You should assign a reason in the	4 foregoing pages, 1 through 135 and that
5	appropriate column on the errata sheet	5 the same is a correct transcription of
6	for any change made.	6 the answers given by me to the questions
7	After making any change which has	7 therein propounded, except for the
8	been noted on the following errata sheet,	8 corrections or changes in form or
9	along with the reason for any change,	9 substance, if any, noted in the attached
10	sign your name to the errata sheet and	10 Errata Sheet.
11	date it.	11
12	You are signing it subject to the	12 STEPHEN M. FACTOR, M.D. DATE
13	changes you have made in the errata	13
14	sheet, which will be attached to the	14 Subscribed and sworn to before me this
15	deposition. You must sign in the space	15,
16	provided.	16 20
17	Return the original errata sheet	17 My commission expires:
18	to the deposing attorney within thirty	18
19	(30) days of receipt of the transcript by	19
20	you.	20
21	you.	21 Notary Public
22		22
23		23
24		24
25		25
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